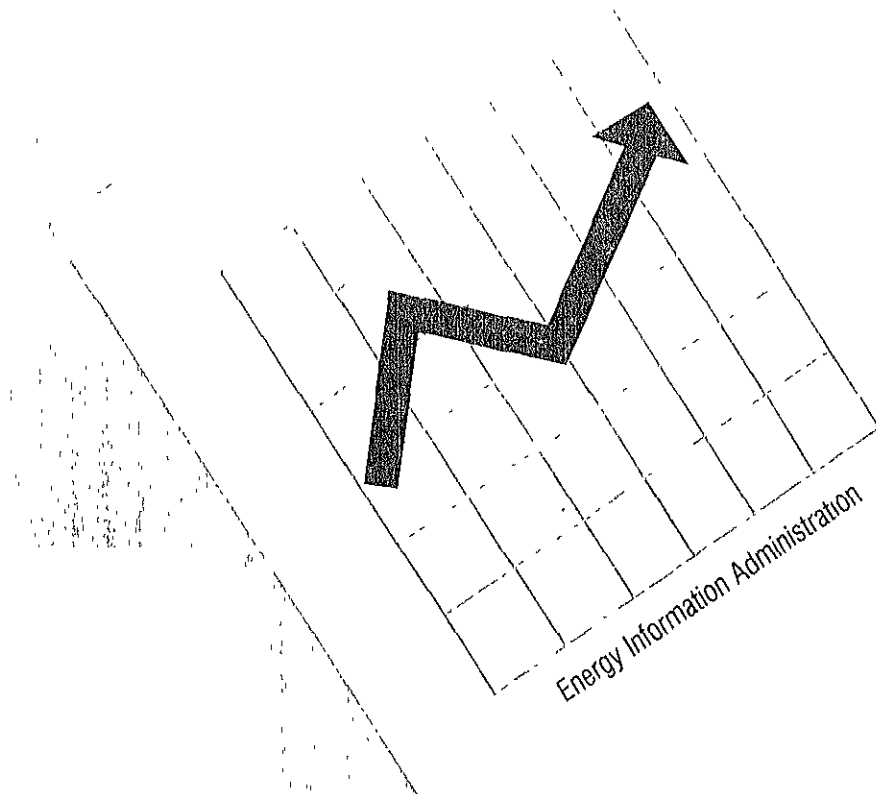


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October 1993

# Petroleum Marketing Monthly



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Petroleum marketing statistics are available on a magnetic tape which contains statistics for the current year, by month, from the *Petroleum Marketing Monthly*. Included are sales data on petroleum product prices, volumes, and percentages as well as first sales of petroleum products into a State. Also available are statistics on both domestic and imported crude oil. Annual historical data at the national level are provided in a summary section. The tape is updated monthly and is fully documented.

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- Heating fuel data  
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- *Weekly Petroleum Status Report*  
Updated on Wednesdays (Thursdays in the event of a holiday) at 5:00 p.m.
- *Petroleum Supply Monthly*  
Updated on the 20th of the month.
- *Petroleum Marketing Monthly*  
Updated on the 20th of the month.
- *Natural Gas Monthly*  
Updated on the 20th of the month.
- *Weekly Coal Production*  
Updated on Fridays at 5:00 p.m.
- *Quarterly Coal Report*  
Updated 60 days after the end of the quarter.
- *Electric Power Monthly*  
Updated on the 1st of the month.
- *Monthly Energy Review*  
Updated the last week of the month.
- *Short Term Energy Outlook*  
Updated 60 days after the end of the quarter.
- *Winter Fuels Report* (October through April)  
Updated Thursdays at 5:00 p.m.



# Preface

The *Petroleum Marketing Monthly* is prepared by the Petroleum Marketing Division, Office of Oil and Gas, Energy Information Administration.

The *Petroleum Marketing Monthly* (PMM) is designed to give information and statistical data about a variety of crude oils and refined petroleum products. The publication provides statistics on crude oil costs and refined petroleum products sales for use by industry, government, private sector analysts, educational institutions, and consumers. Data on crude oil include the domestic first purchase price, the f.o.b. and landed cost of imported crude oil, and the refiners' acquisition cost of crude oil. Sales data for motor gasoline, distillates, residuals, aviation fuels, kerosene, and propane are presented.

## Scope of Data

The data within the *Petroleum Marketing Monthly* are compiled from six Energy Information Administration (EIA) survey forms. The crude oil statistics are calculated from data collected on the following three survey forms: Form EIA-182, "Domestic Crude Oil First Purchase Report"; Form EIA-856, "Monthly Foreign Crude Oil Acquisition Report"; and Form EIA-14, "Refiners' Monthly Cost Report."

The statistics on petroleum product sales prices and volumes are derived from Form EIA-782A, "Refiners/Gas Plant Operators' Monthly Petroleum Product Sales Report" and Form EIA-782B, "Resellers/Retailers' Monthly Petroleum Product Sales Report."

The data presented in Tables 47 to 49 are derived from aggregations of data from the Form EIA-782C, "Monthly Report of Petroleum Products Sold into States for Consumption."

Information concerning standard errors for prices of motor gasoline, No. 2 distillate (including No. 2 fuel oil), and residual fuel oil, are presented in Tables 50 to 54. The Form EIA-782 survey response rates are presented in Table 55.

## Sections

Monthly statistics on purchases of crude oil and sales of petroleum products are presented in the *Petroleum Marketing Monthly* in five sections:

- Summary of Crude Oil and Petroleum Products
- Crude Oil Prices
- Sales Prices of Petroleum Products
- Sales Volumes of Petroleum Products
- Prime Supplier Sales Volumes of Petroleum Products for Local Consumption.

The publication highlights salient statistics for the United States in the summary section. More detailed geographic coverage occurs in the other four sections. Geographic coverage for crude oil includes country of origin for foreign crude and Petroleum Administration for Defense (PAD) Districts and individual States for domestic crude oil. Geographic coverage of the petroleum products includes PAD Districts and individual States.

Detailed statistics for crude oil, including the price of imported crude oil by country of origin, by gravity, and by crude stream, can be found in the Crude Oil Prices section. The Product Guide located at the end of this publication provides a detailed breakdown of the table coverage.

PAD District and/or State-level statistics for petroleum products are presented in the Prices, Volumes, and Prime Supplier Sales of Petroleum Products sections. To aid the reader in determining the market changes, the majority of the tables show data for the report month and previous month for the current year, and the report month for the previous year.

## Notes on the Tables

- For the crude oil statistics referencing Form EIA-182, United States includes the 50 States, the outer continental shelf, and the District of Columbia. For crude oil statistics referencing either Form EIA-14 or Form EIA-856, United States includes the 50 States, the District of Columbia, Puerto Rico, the Virgin Islands, and all American territories and possessions. For the petroleum

products data, United States includes the 50 States and the District of Columbia.

- Prices exclude taxes. Refer to the Explanatory Notes for a tax table on motor fuels.
- Some of the tables use State abbreviations. Refer to the Explanatory Notes for a table of U.S. Postal State abbreviations.
- "Seller" comprises the categories of major refiners, other refiners (including gas plant operators), and resellers as defined in the Glossary.
- References to "Refiners" include gas plant operators (see the Glossary for definition of "Gas Plant Operators.").

- "Prime Supplier" refers to a firm that produces, imports, or transports any of the selected petroleum products across State boundaries and local marketing areas and sells the product to local contributors, local retailers, or end users.
- The category "Company Outlets" refers to sales made through company-operated retail outlets (see Glossary).
- No. 2 distillate volumes and prices are classified in accordance with what the product was sold, regardless of the actual specifications of that product (see definitions of No. 2 distillate in the Glossary).

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## Highlights



# Highlights

## Overview

World crude oil prices continued to fall during most of July 1993, interrupted only by a short-lived increase late in the month. The primary influence throughout the month was the intermittent negotiations between Iraq and the United Nations over the resumption, temporary or otherwise, of Iraqi oil sales. The talks resumed in early July, but resulted in no agreement, and were scheduled to be resumed in September. Meanwhile, the Organization of Petroleum Exporting Countries (OPEC) announced, then cancelled, an emergency meeting to deal with increasing production and declining prices.

In the United States, spot and futures markets mirrored the movements in world prices for crude oil. The daily spot price of West Texas Intermediate (WTI) crude oil at Cushing, Oklahoma, fell \$1.62 per barrel from the

end of June to \$17.20 per barrel on July 20, the lowest level since before the Iraqi invasion of Kuwait in 1990. WTI prices briefly recovered to \$18.47 per barrel on July 27, then fell to end the month at \$17.91, down 91 cents for the month. The composite refiner acquisition cost of crude oil in the United States fell \$1.16 (6.7 percent) in July, to \$16.10 per barrel.

U.S. petroleum product prices in July closely tracked those for crude oil. The New York Harbor daily spot price for unleaded regular gasoline began the month at its highest point, falling nearly 4 cents to 50.6 cents per gallon on July 16, then fluctuating in the second half to close at 51.1 cents, 3.3 cents below the end of June. The No. 2 heating oil spot price at New York Harbor remained below that for gasoline, dropping 2.7 cents during July to end the month at 49.5 cents per gallon. Month-to-month refiner sales declined for all the major products, for a total decrease of 8.5 million gallons (1.5 percent) from June.

**Table HL1. U.S. Refiner Prices and Volumes of Petroleum Products**  
(Prices: Cents per Gallon Excluding Taxes, Volumes: Million Gallons per Day)

Products	Sales to End Users						Sales for Resale					
	July 1993		June 1993		July 1992		July 1993		June 1993		July 1992	
	Price	Volume	Price	Volume	Price	Volume	Price	Volume	Price	Volume	Price	Volume
<b>Motor Gasoline</b> .....	77.6	58.9	79.8	60.5	83.5	60.4	62.8	275.5	66.2	276.3	71.0	272.8
Leaded Regular .....	77.7	.5	78.2	.6	86.8	.7	67.0	3.3	69.5	3.4	77.3	4.4
Unleaded Regular .....	72.7	37.9	75.2	39.5	79.0	39.4	59.3	188.2	62.9	190.8	67.7	186.8
Unleaded Midgrade .....	81.9	9.4	84.2	9.5	87.3	9.4	68.2	29.1	69.7	28.4	73.7	28.8
Premium .....	90.6	11.0	92.8	10.9	96.1	10.9	72.6	54.9	76.0	53.7	80.6	52.8
<b>Aviation Gasoline</b> .....	99.7	.2	102.5	.2	106.8	.2	97.9	.8	99.1	.8	102.0	.9
<b>Kerosene-Type Jet Fuel</b> .....	55.3	43.2	58.7	42.1	64.9	42.0	55.0	7.6	58.4	7.2	64.8	7.9
<b>Propane (Consumer Grade)</b> .....	62.2	2.1	63.9	2.3	52.3	3.2	33.3	21.5	33.8	23.3	31.5	22.9
<b>Kerosene</b> .....	61.4	.1	65.3	.1	70.5	.1	53.6	.8	56.9	.8	65.7	.6
<b>No. 1 Distillate</b> .....	60.5	.2	64.0	.3	68.9	.3	59.1	.6	63.0	.7	68.8	.7
<b>No. 2 Distillate</b> .....	56.6	23.3	60.2	24.1	64.3	24.8	52.2	92.4	56.2	94.6	61.6	90.3
No. 2 Fuel Oil .....	54.2	2.7	57.9	2.9	62.6	2.8	51.0	39.4	54.9	42.3	61.3	37.6
No. 2 Diesel Fuel .....	58.9	20.6	60.5	21.2	64.5	22.0	53.1	53.0	57.2	52.4	61.8	52.7
<b>No. 4 Fuel<sup>a</sup></b> .....	45.4	.5	50.2	.4	51.9	.5	45.4	.1	48.9	.2	49.5	.2
<b>Residual Fuel Oil</b> .....	33.0	14.8	34.7	17.1	36.7	21.0	27.4	10.6	30.0	11.2	34.7	15.6
Sulfur Content not > 1 % .....	41.6	5.0	40.6	6.1	41.4	5.9	32.7	3.7	33.7	5.6	38.0	4.5
Sulfur Content > 1 % .....	28.5	9.8	31.5	11.0	34.9	15.1	24.5	6.9	26.4	5.6	33.3	11.2

<sup>a</sup> Includes No. 4 fuel oil and No. 4 diesel fuel.

Note: Values shown for the current month are preliminary. Values shown for previous month are revised. Data are final upon publication in the Petroleum Marketing Annual. Totals or averages may not equal the sum of components due to rounding.

Source: Energy Information Administration Form EIA-782A, "Refiners/Gas Plant Operators' Monthly Petroleum Product Sales Report

July sales activity for crude oil and the principal petroleum product groups is summarized in the following sections.

### ***Crude Oil***

The average free-on-board (f.o.b.) cost of imported crude oil purchased in July dropped 97 cents (6.4 percent) to \$14.15 per barrel. The average landed cost of foreign crude oil fell 98 cents (6.0 percent) to \$15.37 per barrel. Domestic crude oil first purchase prices decreased \$1.23 (8.2 percent) to \$13.77 per barrel.

The average refiner acquisition cost of domestic crude oil in July was \$16.36 per barrel, a \$1.34 drop (7.6 percent) from June. The average cost of imported crude oil to U.S. refiners fell \$1.00 (6.0 percent) to \$15.80 per barrel.

### ***Motor Gasoline***

Total refiner sales of finished motor gasoline in July fell 2.4 million gallons per day (0.7 percent) from June levels, to 334.4 million gallons per day. Wholesale sales decreased 800,000 gallons per day (0.3 percent) and retail sales fell 1.6 million gallons per day (2.6 percent).

Average refiner prices for motor gasoline fell 2.2 cents to 77.6 cents per gallon at the retail level, and 3.4 cents to 62.8 cents per gallon for wholesale. Including data reported by the sample of motor gasoline marketers, national average retail prices decreased 1.8 cents to 77.6 cents per gallon at company-operated retail outlets, and 2.6 cents to 71.7 cents per gallon for sales to

other end users. Average wholesale prices were down 3.3 cents to 63.1 cents per gallon.

### ***No. 2 Distillate***

Total refiner sales of No. 2 distillate dropped 3.0 million gallons per day (2.5 percent) to 115.7 million gallons per day. No. 2 fuel oil sales decreased 3.1 million gallons per day (6.9 percent) while No. 2 diesel fuel sales rose 100,000 gallons per day (0.1 percent).

Average retail prices fell in all categories in July. The national average residential price decreased 3.4 cents to 85.5 cents per gallon, and the average wholesale price dropped 3.7 cents to 53.0 cents per gallon.

### ***Residual Fuel Oil***

Total refiner sales of residual fuel oil fell 2.8 million gallons per day (9.9 percent) to 25.5 million gallons per day. Low-sulfur residual fuel sales dropped 3.0 million gallons per day (25.6 percent), while high-sulfur sales increased 100,000 gallons per day (0.6 percent).

Residual fuel oil prices fell in most categories in July. The refiner retail price rose 1.0 cent per gallon in the low-sulfur category, while high-sulfur residual fuel fell 3.0 cents per gallon. Residual fuel wholesale prices for sales by refiners decreased 1.0 cent per gallon for low-sulfur and 1.9 cents per gallon for high-sulfur. Including data reported by the sample of residual fuel oil marketers, average retail prices fell 1.1 cents per gallon for low-sulfur and 2.9 cents per gallon for high-sulfur. Average wholesale prices dropped 1.7 and 2.2 cents per gallon for low-sulfur and high-sulfur, respectively.

## **Summary Statistics**

**Table 1. Crude Oil Prices**  
(Dollars per Barrel)

Year Month	Domestic First Purchase Prices	Average FOB <sup>a</sup> Cost of Crude Oil Imports <sup>b</sup>	Average Landed Cost of Crude Oil Imports <sup>b</sup>	Refiner Acquisition Cost of Crude Oil		
				Domestic	Imported	Composite
<b>1970 Average</b> ..	9.00	13.29	14.35	10.61	14.57	12.46
<b>1970 Average</b> ....	12.64	20.07	21.45	14.27	21.67	17.72
<b>1980 Average</b> .....	21.59	32.37	33.67	24.23	33.89	26.07
<b>1981 Average</b> . .	31.77	35.15	36.47	34.33	37.05	35.24
<b>1982 Average</b> . ....	28.52	32.02	33.10	31.22	33.55	31.87
<b>1983 Average</b> .....	28.19	27.81	28.93	28.07	29.30	28.99
<b>1984 Average</b> . .	25.88	27.60	28.54	28.53	28.00	28.63
<b>1985 Average</b> .....	24.09	25.84	26.67	26.66	26.99	26.75
<b>1986 Average</b> .....	12.51	12.52	13.49	14.02	14.00	14.55
<b>1987 Average</b> ....	15.40	16.69	17.65	17.76	18.13	17.90
<b>1988 Average</b> . .	12.58	13.25	14.08	14.74	14.56	14.67
<b>1989 Average</b> .....	15.86	16.89	17.68	17.67	18.08	17.97
<b>1990 Average</b> .....	20.03	20.37	21.13	22.59	21.76	22.22
<b>1991</b>						
January .....	19.60	19.95	20.86	23.25	22.30	22.85
February .....	16.28	16.31	17.26	19.55	18.30	19.03
March .....	15.13	15.89	17.16	18.12	17.58	17.89
April .....	16.16	16.58	17.78	18.56	18.32	18.46
May .....	16.44	16.45	17.82	18.98	18.36	18.70
June .....	15.58	15.81	17.16	18.16	17.78	17.98
July .....	16.36	16.73	17.84	18.91	18.14	18.57
August .....	16.60	16.99	18.20	19.10	18.71	18.92
September .....	16.71	17.48	18.63	19.31	19.00	19.17
October .....	17.72	18.12	19.03	20.39	19.88	20.16
November .....	17.12	17.51	18.33	20.01	19.35	19.72
December .....	14.68	15.11	16.19	17.84	17.17	17.56
<b>1991 Average</b> ...	16.54	16.89	18.02	19.33	18.70	19.06
<b>1992</b>						
January .....	13.99	14.32	15.28	16.80	16.10	16.50
February .....	14.04	14.88	15.60	16.54	16.00	16.30
March .....	14.12	14.96	16.00	16.71	16.36	16.56
April .....	15.36	16.57	17.40	17.88	17.37	17.66
May .....	16.38	17.56	18.38	18.86	18.79	18.83
June .....	17.96	18.38	19.44	20.13	19.83	19.99
July .....	17.80	18.01	19.13	20.42	19.74	20.10
August .....	17.07	17.65	18.74	19.84	19.25	19.56
September .....	17.20	18.04	18.90	19.88	19.26	19.59
October .....	17.16	17.68	18.75	19.64	19.34	19.49
November .....	16.00	16.49	17.64	18.90	18.40	18.66
December .....	14.94	15.62	16.58	17.85	16.94	17.43
<b>1992 Average</b> .....	15.99	16.77	17.75	18.83	18.20	18.43
<b>1993</b>						
January .....	14.64	15.24	16.34	17.40	16.78	17.10
February .....	15.47	16.09	17.12	17.84	17.41	17.64
March .....	15.88	16.61	17.56	18.31	17.82	18.08
April .....	16.08	16.39	17.58	18.49	18.35	18.42
May .....	15.97	16.27	17.35	18.43	17.89	18.16
June .....	15.00	15.12	16.35	17.70	16.80	17.26
July .....	13.77	14.15	15.37	16.36	15.80	16.10

<sup>a</sup> FOB = Free on Board. See Glossary.

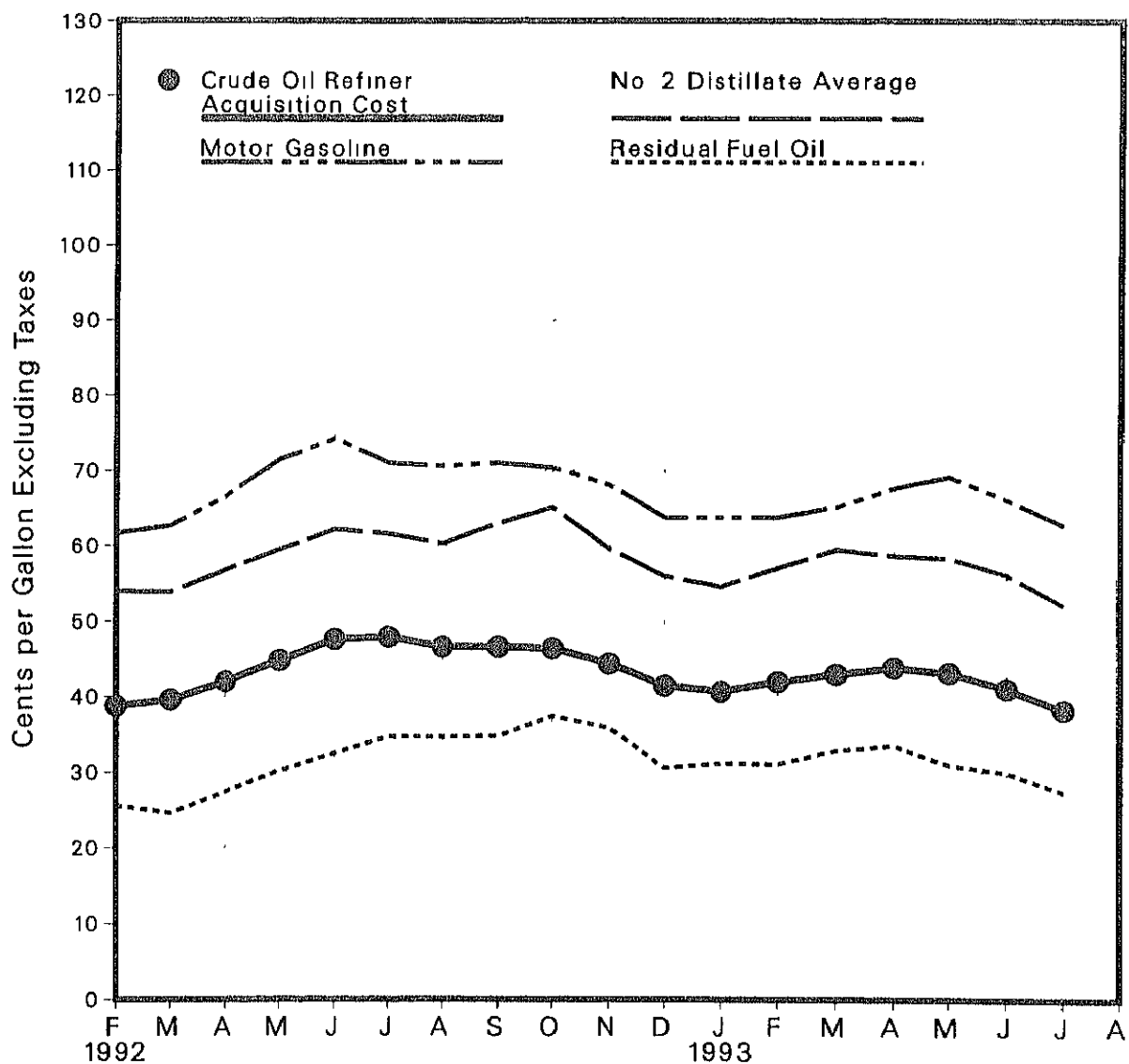
<sup>b</sup> Values through 1980 reflect the month of reporting; values since then reflect the month of acquisition, which can be the month of loading, the month of landing, or sometime between those events. Prices for crude oil can be determined at a time other than the acquisition date. See the Explanatory Notes section for additional detail.

Note: Values for Domestic First Purchase and Refiner Acquisition for the current month, and for Average FOB and Average Landed for current 2 months are preliminary. Values shown for previous months are revised. Data are final upon publication in the Petroleum Marketing Annual.

Sources: Domestic first purchase prices -- See "Sources" from Table 20. Crude oil imports costs -- See "Sources" from Table 21. Refiner acquisition costs -- See "Sources" from Table 19.



Figure 1. Comparison of Crude Oil Prices to U.S. Wholesale Product Prices



Source. Energy Information Administration. Crude Oil: Form EIA-14, "Refiners Monthly Cost Report." Products: Form EIA-782A, "Refiners/Gas Plant Operators Monthly Petroleum Product Sales Report."

**Table 2. U.S. Refiner Prices of Petroleum Products to End Users**  
(Cents per Gallon Excluding Taxes)

Year Month	Motor Gasoline	Aviation Gasoline	Kerosene- Type Jet Fuel	Propane (Consumer Grade)	Kerosene	No. 1 Distillate	No. 2 Distillate			No. 4 Fuel*	Residual Fuel Oil
							No. 2 Fuel Oil	No. 2 Diesel Fuel	Average		
1978 Average .....	48.4	51.8	38.7	33.5	42.1	40.9	40.0	37.7	39.6	31.1	29.8
1979 Average .....	71.3	68.9	54.7	35.7	58.5	57.2	51.6	58.5	55.1	47.9	43.8
1980 Average .....	103.5	108.4	86.8	48.2	90.2	83.4	78.8	81.8	80.4	68.2	60.7
1981 Average .....	114.7	130.3	102.4	58.5	112.3	103.9	91.4	99.5	95.0	79.7	75.6
1982 Average .....	108.0	131.2	96.3	59.2	108.9	102.3	90.5	94.2	92.5	75.0	67.6
1983 Average .....	95.4	125.5	87.8	70.9	96.1	96.2	91.6	82.6	83.9	76.8	65.1
1984 Average .....	90.7	123.4	84.2	73.7	103.6	92.7	91.6	82.3	83.7	79.6	68.7
1985 Average .....	91.2	120.1	79.6	71.7	103.0	88.0	84.9	78.9	79.9	77.3	61.0
1986 Average .....	82.4	101.1	62.9	74.5	79.0	62.0	56.0	47.8	49.1	48.9	34.3
1987 Average .....	66.9	90.7	54.3	70.1	77.0	60.4	58.1	55.1	55.6	51.3	42.3
1988 Average .....	67.3	89.1	51.3	71.4	73.8	56.4	54.4	50.0	50.7	46.1	33.4
1989 Average .....	75.6	99.5	59.2	61.5	70.9	66.1	58.7	58.5	58.5	51.2	38.5
1990 Average .....	88.3	112.0	76.6	74.5	82.3	81.9	73.4	72.5	72.6	62.2	44.4
1991											
January .....	88.8	112.1	81.1	86.7	105.0	89.0	84.3	80.5	81.2	75.4	53.4
February .....	79.5	106.4	73.7	81.4	96.9	77.8	75.2	71.4	72.0	60.2	39.8
March .....	74.0	101.3	62.1	76.0	88.8	68.4	64.5	61.8	62.2	54.8	32.3
April .....	77.0	101.2	58.7	67.4	73.8	67.6	61.6	60.6	60.8	54.1	30.2
May .....	82.0	105.3	60.1	66.7	89.3	65.5	58.9	60.1	59.9	51.5	31.0
June .....	81.9	105.2	59.2	62.8	82.3	62.8	56.3	57.9	57.7	49.5	29.5
July .....	76.9	103.6	59.7	61.1	64.7	64.7	59.1	59.5	59.4	50.0	31.2
August .....	81.1	105.8	63.8	63.6	68.7	68.2	62.3	63.3	63.2	53.6	31.1
September .....	80.2	105.7	66.8	65.0	73.8	69.7	63.9	64.8	64.7	52.9	30.6
October .....	77.9	104.6	67.8	68.0	81.6	73.5	68.5	68.0	68.1	58.4	32.3
November .....	79.1	104.3	69.6	73.7	84.3	76.3	70.9	69.7	69.9	57.5	35.1
December .....	78.0	102.0	61.5	78.2	85.8	66.3	63.0	60.9	61.2	54.3	33.1
1991 Average .....	79.7	104.7	65.2	73.0	83.8	74.0	66.5	64.8	65.0	58.0	34.0
1992											
January .....	71.9	98.5	54.2	71.3	83.3	60.6	59.7	55.5	56.2	50.6	28.8
February .....	70.8	98.5	56.5	NA	78.3	63.1	62.0	57.1	57.7	49.6	27.7
March .....	71.6	98.0	55.5	66.4	80.2	63.2	61.4	56.8	57.4	51.8	27.7
April .....	75.2	99.1	57.3	70.3	78.3	65.3	60.6	59.2	59.4	49.7	29.6
May .....	80.8	102.4	61.0	62.5	73.3	67.4	60.8	62.1	62.0	51.7	33.4
June .....	84.5	106.4	63.9	54.5	68.7	69.3	62.9	64.9	64.7	52.5	34.5
July .....	83.5	106.8	64.9	52.3	70.5	68.9	62.8	64.5	64.3	51.9	36.7
August .....	82.3	105.7	64.2	55.8	69.0	68.2	62.3	63.4	63.3	55.3	38.8
September .....	82.3	104.9	64.6	60.3	70.5	73.2	65.6	65.3	65.3	55.2	37.5
October .....	81.3	104.3	66.4	59.9	87.2	75.1	68.2	67.8	67.8	57.9	39.2
November .....	81.5	103.4	62.7	61.1	83.3	72.0	64.3	64.5	64.5	56.3	39.4
December .....	78.5	101.3	58.9	68.4	84.0	66.6	63.6	60.8	61.2	53.7	36.2
1992 Average .....	78.4	102.7	61.0	66.2	78.6	66.5	62.7	61.8	61.9	52.6	33.8
1993											
January .....	76.9	100.3	58.5	74.8	82.4	64.4	62.7	59.0	59.6	52.4	35.3
February .....	76.1	99.9	59.8	74.3	81.3	66.5	64.6	60.6	61.2	52.4	34.4
March .....	75.7	99.4	60.6	75.4	83.2	69.2	66.2	62.9	63.3	54.5	35.6
April .....	77.8	100.7	59.7	69.4	77.0	68.9	61.9	62.5	62.4	54.8	36.3
May .....	80.1	102.2	59.9	67.3	80.8	65.8	59.8	62.3	62.0	52.3	36.8
June .....	79.8	102.5	58.7	63.9	85.3	64.0	57.9	60.5	60.2	50.2	34.7
July .....	77.6	99.7	55.3	62.2	81.4	60.5	54.2	56.9	56.6	45.4	33.0

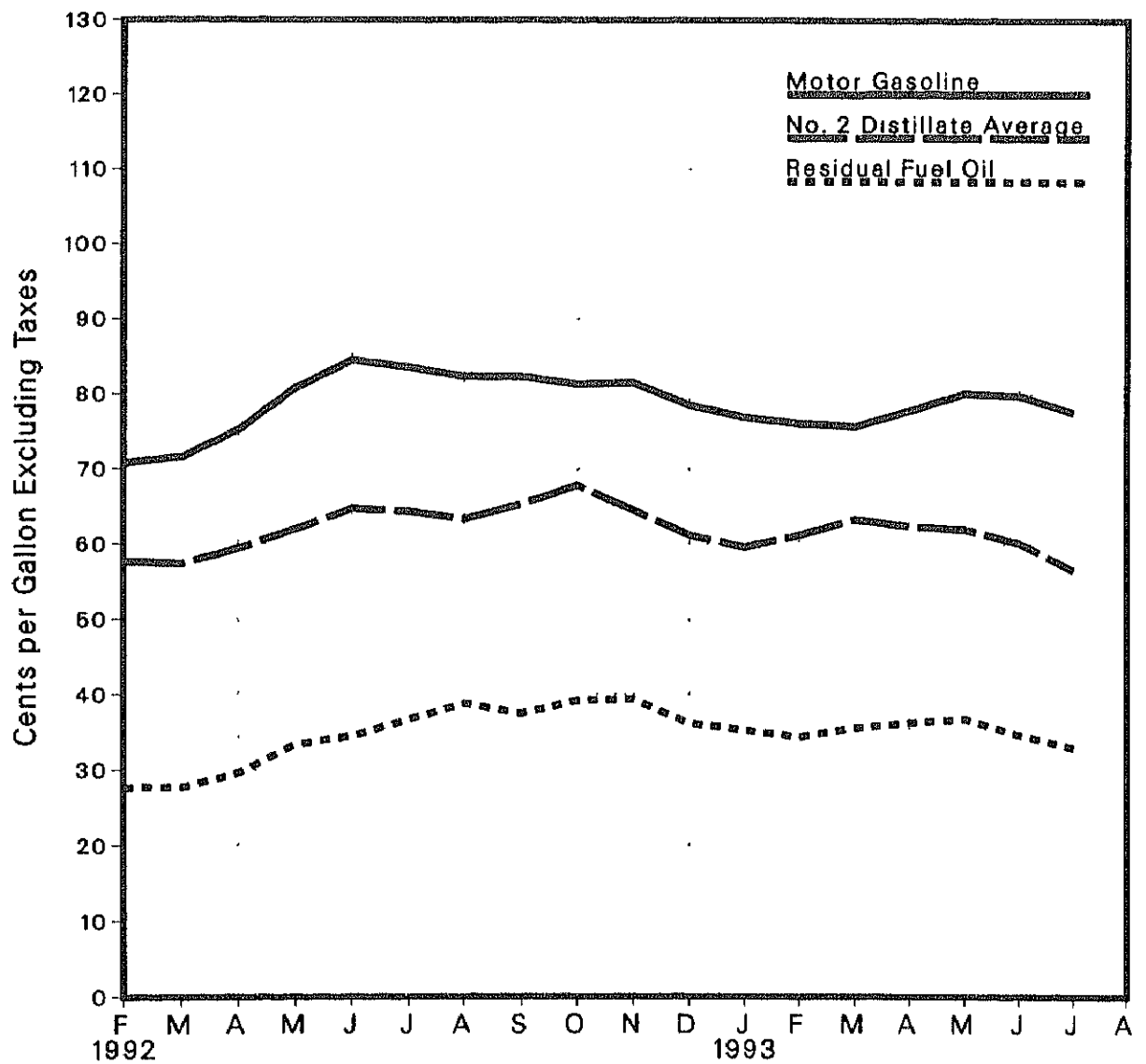
\* Includes No. 4 fuel oil and No. 4 diesel fuel.

NA = Not available.

Note: Values shown for the current month are preliminary. Values shown for previous month are revised. Data are final upon publication in the Petroleum Marketing Annual.

Sources: Energy Information Administration Form EIA-782A, "Refiners/Gas Plant Operators' Monthly Petroleum Product Sales Report," January 1983 forward. Energy Information Administration Form EIA-460, "Petroleum Industry Monthly Report for Product Prices," source for backcast estimates prior to January 1983.

**Figure 2. U.S. Refiner Retail Product Prices**



Source: Energy Information Administration, Form EIA-782A "Refiners/Gas Plant Operators Monthly Petroleum Product Sales Report."

**Table 3. U.S. Refiner Volumes of Petroleum Products to End Users**  
(Million Gallons per Day)

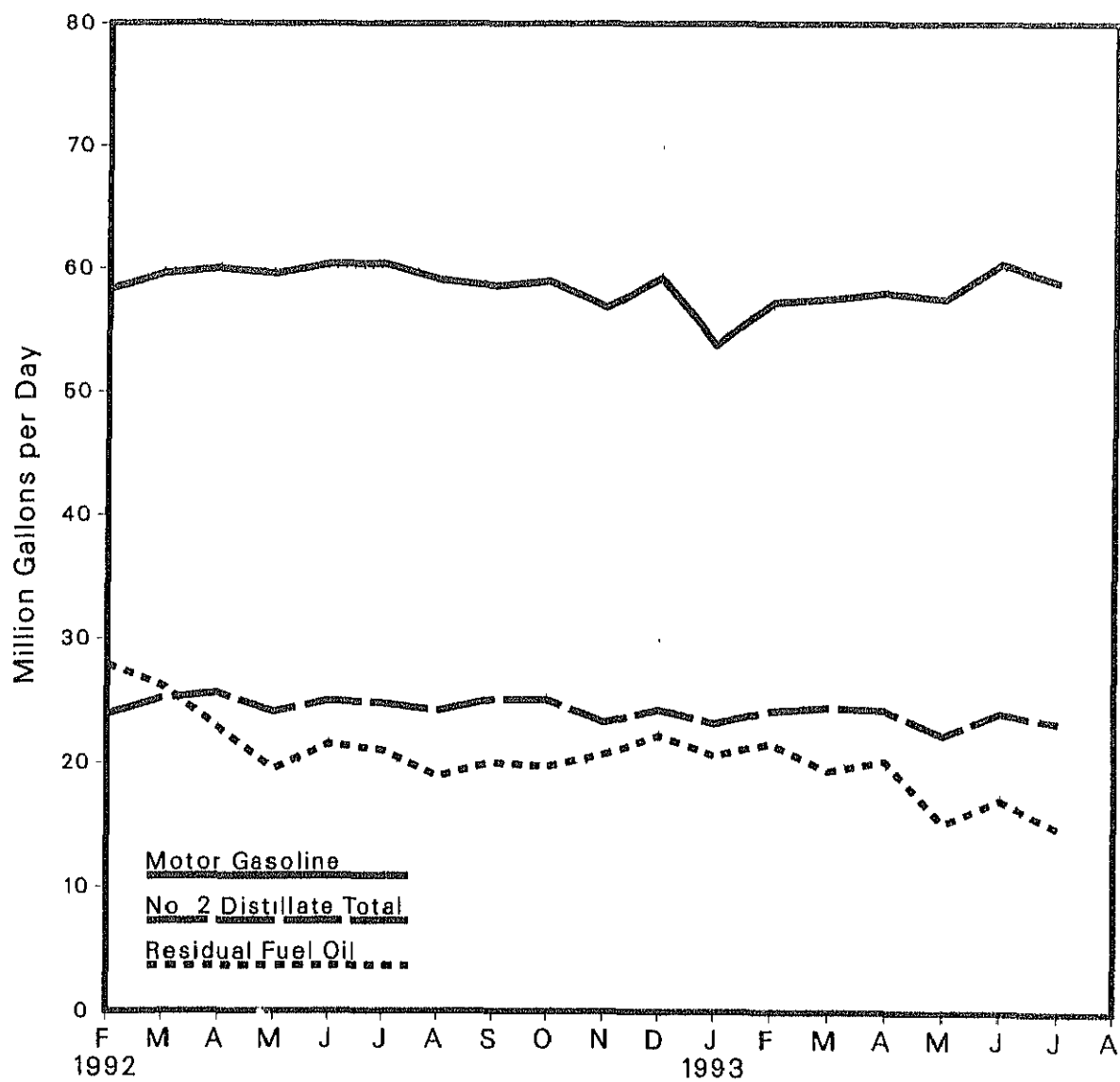
Year Month	Motor Gasoline	Aviation Gasoline	Kerosene- Type Jet Fuel	Propane (Consumer Grade)	Kerosene	No. 1 Distillate	No. 2 Distillate			No. 4 Fuel <sup>a</sup>	Residual Fuel Oil
							No. 2 Fuel Oil	No. 2 Diesel Fuel	Total		
<b>1983 Average</b>	51.1	0.4	30.8	3.1	0.2	0.5	3.7	23.3	27.0	0.7	28.3
<b>1984 Average</b>	57.6	.3	32.9	3.3	.3	.5	4.9	26.3	31.2	.7	32.9
<b>1985 Average</b>	57.5	.3	34.6	3.7	.3	.5	5.0	25.0	29.9	.5	25.2
<b>1986 Average</b>	61.4	.3	34.6	3.6	.3	.4	4.3	24.5	28.8	.6	31.7
<b>1987 Average</b>	61.0	.2	36.8	3.8	.3	.4	4.5	24.1	28.5	.8	29.0
<b>1988 Average</b>	61.0	.2	38.2	4.3	.3	.4	4.6	24.5	29.1	1.1	30.2
<b>1989 Average</b>	61.2	.2	40.1	2.8	.3	.5	4.5	24.3	28.8	.9	30.4
<b>1990 Average</b>	60.3	.2	39.9	2.7	.2	.5	3.6	22.2	25.9	.8	25.9
<b>1991</b>											
January	56.9	.2	37.3	5.0	.4	1.2	4.4	20.3	24.7	1.2	23.4
February	59.4	.2	35.4	3.8	.3	.8	3.6	19.8	23.4	1.0	22.7
March	61.6	.2	35.7	3.1	.2	.5	3.4	20.0	23.4	.8	25.4
April	62.0	.2	38.4	2.8	.2	.3	3.4	21.2	24.6	.7	22.1
May	62.2	.2	39.6	2.1	.1	.2	2.8	21.3	24.1	.4	23.2
June	63.3	.2	38.7	1.9	.2	.2	2.9	21.1	24.0	.5	25.9
July	62.6	.3	39.9	2.2	.2	.3	2.9	21.3	24.2	.6	28.3
August	62.5	.2	41.7	2.3	.3	.3	2.7	22.9	25.6	.5	24.8
September	60.3	.2	39.8	2.8	.1	.3	2.8	22.3	25.0	.5	23.1
October	61.2	.2	39.4	3.3	.2	.5	3.2	23.0	26.2	.4	19.8
November	60.4	.2	38.5	3.7	.2	.7	3.2	20.8	24.1	.6	21.7
December	61.5	.2	38.0	4.0	.3	.9	3.6	19.6	23.2	.7	27.6
<b>1991 Average</b>	<b>61.2</b>	<b>.2</b>	<b>38.5</b>	<b>3.1</b>	<b>.2</b>	<b>.5</b>	<b>3.2</b>	<b>21.1</b>	<b>24.4</b>	<b>.7</b>	<b>24.0</b>
<b>1992</b>											
January	56.4	.2	36.8	4.7	.3	.9	4.1	20.7	24.8	1.0	28.4
February	58.3	.2	37.9	4.5	.3	.7	3.4	20.6	23.9	.8	27.9
March	59.6	.2	38.5	3.8	.2	.5	3.3	21.9	25.2	.8	26.2
April	60.0	.2	39.3	2.7	.1	.3	3.2	22.4	25.6	.5	22.8
May	59.6	.2	39.1	2.1	.1	.2	2.8	21.3	24.1	.4	19.5
June	60.4	.2	41.3	2.7	.1	.2	2.9	22.1	25.0	.2	21.5
July	60.4	.2	42.0	3.2	.1	.3	2.8	22.0	24.8	.5	21.0
August	59.1	.2	42.1	3.1	.1	.2	2.6	21.6	24.2	.3	18.9
September	58.6	.2	41.3	3.4	.2	.3	2.7	22.4	25.1	.4	20.0
October	59.0	.2	40.3	4.3	.2	.4	3.0	22.0	25.1	.5	19.7
November	56.9	.2	40.1	5.4	.2	.6	2.8	20.6	23.3	.5	20.7
December	59.3	.2	38.9	5.9	.3	.9	3.6	20.7	24.3	.9	22.2
<b>1992 Average</b>	<b>59.0</b>	<b>.2</b>	<b>39.8</b>	<b>3.7</b>	<b>.2</b>	<b>.5</b>	<b>3.1</b>	<b>21.5</b>	<b>24.6</b>	<b>.6</b>	<b>21.6</b>
<b>1993</b>											
January	53.8	.1	39.2	4.9	.3	.8	3.4	19.7	23.2	.8	20.6
February	57.3	.2	39.2	5.2	.3	.9	3.7	20.5	24.2	.9	21.6
March	57.6	.2	40.8	4.4	.2	.6	3.4	21.1	24.5	.8	19.4
April	58.1	.2	40.7	3.1	.1	.3	3.0	21.3	24.3	.5	20.2
May	57.6	.2	41.5	2.0	.1	.2	2.4	19.9	22.3	.4	15.2
June	60.5	.2	42.1	2.3	.1	.3	2.9	21.2	24.1	.4	17.1
July	58.9	.2	43.2	2.1	.1	.2	2.7	20.6	23.3	.5	14.8

<sup>a</sup> Includes No. 4 fuel oil and No. 4 diesel fuel.

Note: Values shown for the current month are preliminary. Values shown for previous month are revised. Data are final upon publication in the Petroleum Marketing Annual. Totals and averages may not equal the sum of components due to rounding.

Source: Energy Information Administration Form EIA-702A, "Refiners/Gas Plant Operators' Monthly Petroleum Product Sales Report"

Figure 3. U.S. Refiner Retail Product Volumes



**Table 4. U.S. Refiner Prices of Petroleum Products for Resale**  
(Cents per Gallon Excluding Taxes)

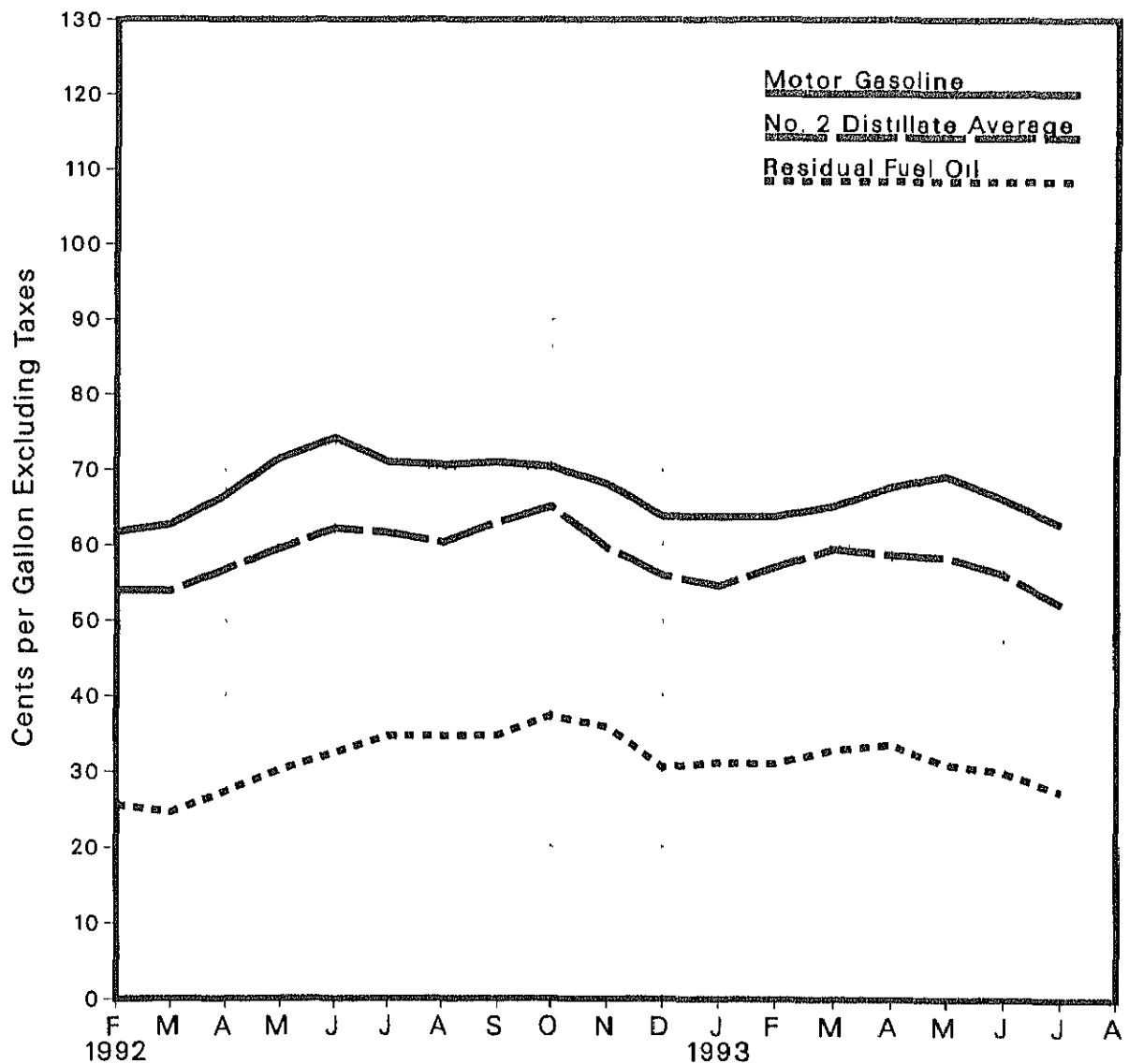
Year Month	Motor Gasoline	Aviation Gasoline	Kerosene- Type Jet Fuel	Propane (Consumer Grade)	Kerosene	No. 1 Distillate	No. 2 Distillate			No. 4 Fuel <sup>a</sup>	Residual Fuel Oil
							No. 2 Fuel Oil	No. 2 Diesel Fuel	Average		
<b>1978 Average</b>	43.4	53.7	38.6	23.7	40.4	40.6	36.9	36.5	36.7	30.5	26.3
<b>1979 Average</b>	63.7	72.1	66.0	29.1	62.4	58.3	56.9	57.4	57.1	47.0	39.9
<b>1980 Average</b>	94.1	112.8	86.8	41.5	88.4	86.0	80.3	80.1	80.2	67.0	52.8
<b>1981 Average</b>	106.4	125.0	101.2	46.6	106.6	107.1	97.6	97.2	97.4	78.3	66.3
<b>1982 Average</b>	97.3	122.8	95.3	42.7	101.8	103.6	91.4	91.4	91.4	73.7	61.2
<b>1983 Average</b>	88.2	117.6	85.4	48.4	89.2	89.6	81.5	80.8	81.2	72.6	60.9
<b>1984 Average</b>	83.2	116.5	83.0	45.0	91.0	89.2	82.1	80.3	81.3	70.7	65.4
<b>1985 Average</b>	83.5	113.0	79.4	39.8	87.4	86.3	77.6	77.2	77.4	67.2	57.7
<b>1986 Average</b>	63.1	91.2	49.5	29.0	60.6	57.9	48.6	45.2	47.0	40.9	30.5
<b>1987 Average</b>	58.9	85.9	53.8	25.2	59.2	59.9	52.7	53.4	53.1	46.2	38.5
<b>1988 Average</b>	57.7	85.0	49.5	24.0	54.9	54.9	47.3	47.3	47.3	42.5	30.0
<b>1989 Average</b>	65.4	95.0	58.3	24.7	66.9	66.8	56.5	56.7	56.6	48.0	36.0
<b>1990 Average</b>	78.6	106.3	77.3	38.6	83.9	83.8	69.7	69.4	69.5	59.0	41.3
<b>1991</b>											
January	76.2	111.2	82.0	42.2	88.0	85.7	76.6	75.5	76.1	71.6	50.2
February	68.0	104.2	74.0	31.6	76.1	74.7	67.9	67.4	67.7	60.1	33.4
March	67.3	97.4	62.4	31.3	66.2	66.0	59.6	57.7	58.6	52.9	28.2
April	70.7	97.8	58.9	31.8	63.0	65.4	57.2	57.4	57.3	50.3	28.7
May	74.2	100.3	60.8	31.9	61.4	63.3	56.0	57.2	56.7	47.0	30.3
June	70.5	99.5	58.8	29.3	59.0	58.9	54.0	54.5	54.3	45.3	29.7
July	69.1	98.9	59.4	27.6	62.6	62.4	56.7	57.1	56.9	46.8	28.8
August	72.7	100.2	63.3	29.6	67.1	67.8	60.6	61.9	61.3	49.5	27.9
September	69.1	99.9	65.9	34.9	68.9	69.6	62.1	62.9	62.5	46.6	27.9
October	68.8	98.8	67.1	40.2	73.5	73.6	66.3	65.6	65.9	50.8	29.5
November	69.9	99.5	68.2	43.0	74.8	75.6	66.6	66.5	66.6	54.4	30.7
December	62.9	97.3	60.1	37.7	62.6	64.7	55.9	55.6	55.7	53.4	28.9
<b>1991 Average</b>	<b>69.9</b>	<b>100.1</b>	<b>65.0</b>	<b>34.9</b>	<b>72.2</b>	<b>73.0</b>	<b>62.2</b>	<b>61.5</b>	<b>61.8</b>	<b>55.6</b>	<b>31.4</b>
<b>1992</b>											
January	60.0	94.9	53.9	30.9	59.9	58.4	51.9	51.4	51.7	49.5	24.4
February	61.7	93.1	55.2	30.2	62.0	62.1	54.0	54.1	54.0	48.2	25.6
March	62.7	92.5	54.6	29.5	59.1	62.3	53.7	54.0	53.9	46.5	24.6
April	66.6	96.4	56.9	29.0	61.6	64.3	56.5	57.0	56.8	46.5	27.4
May	71.5	100.5	60.8	29.4	62.1	66.8	58.8	60.1	59.5	48.4	30.2
June	74.2	101.5	63.3	31.6	63.7	69.3	61.7	62.7	62.2	49.5	32.5
July	71.0	102.0	64.8	31.5	65.7	66.8	61.3	61.8	61.6	49.5	34.7
August	70.6	102.6	63.9	32.9	64.2	68.0	60.1	60.4	60.3	49.1	34.7
September	71.0	102.3	64.3	35.4	68.9	71.4	62.7	63.3	63.0	50.1	34.8
October	70.4	100.5	66.0	36.6	70.1	73.6	64.6	65.5	65.1	52.7	37.4
November	68.1	99.7	61.5	36.2	64.5	66.7	58.8	60.4	59.6	52.2	35.9
December	63.8	97.6	58.9	36.3	62.8	63.7	55.7	56.4	56.0	51.6	30.6
<b>1992 Average</b>	<b>67.7</b>	<b>99.1</b>	<b>60.4</b>	<b>32.6</b>	<b>63.2</b>	<b>65.1</b>	<b>57.9</b>	<b>59.0</b>	<b>58.5</b>	<b>49.5</b>	<b>30.7</b>
<b>1993</b>											
January	63.8	96.9	57.7	40.2	61.4	63.2	54.4	54.9	54.6	50.3	31.2
February	63.8	96.5	60.5	38.7	63.7	65.7	56.9	57.4	57.1	49.3	31.1
March	65.2	97.4	60.3	38.2	65.4	67.4	59.0	60.0	59.5	53.8	32.9
April	67.7	97.7	59.9	38.2	60.8	65.4	57.5	59.9	58.7	52.4	33.6
May	69.2	99.4	60.1	34.0	58.3	66.5	56.9	58.8	58.4	51.3	31.0
June	66.2	99.1	58.4	33.6	56.0	63.0	54.9	57.2	56.2	46.9	30.0
July	62.6	97.9	55.0	33.3	53.6	59.1	51.0	53.1	52.2	45.4	27.4

<sup>a</sup> Includes No. 4 fuel oil and No. 4 diesel fuel

Note: Values shown for the current month are preliminary. Values shown for previous month are revised. Data are final upon publication in the Petroleum Marketing Annual.

Sources: Energy Information Administration Form EIA-782A, "Refiners/Gas Plant Operators' Monthly Petroleum Product Sales Report," January 1983 forward. Energy Information Administration Form EIA-460, "Petroleum Industry Monthly Report for Product Prices," source for backcast estimates prior to January 1983.

**Figure 4. U.S. Refiner Wholesale Product Prices**



Source: Energy Information Administration, Form EIA-782A "Refiners/Gas Plant Operators Monthly Petroleum Product Sales Report."

**Table 5. U.S. Refiner Volumes of Petroleum Products for Resale**  
(Million Gallons per Day)

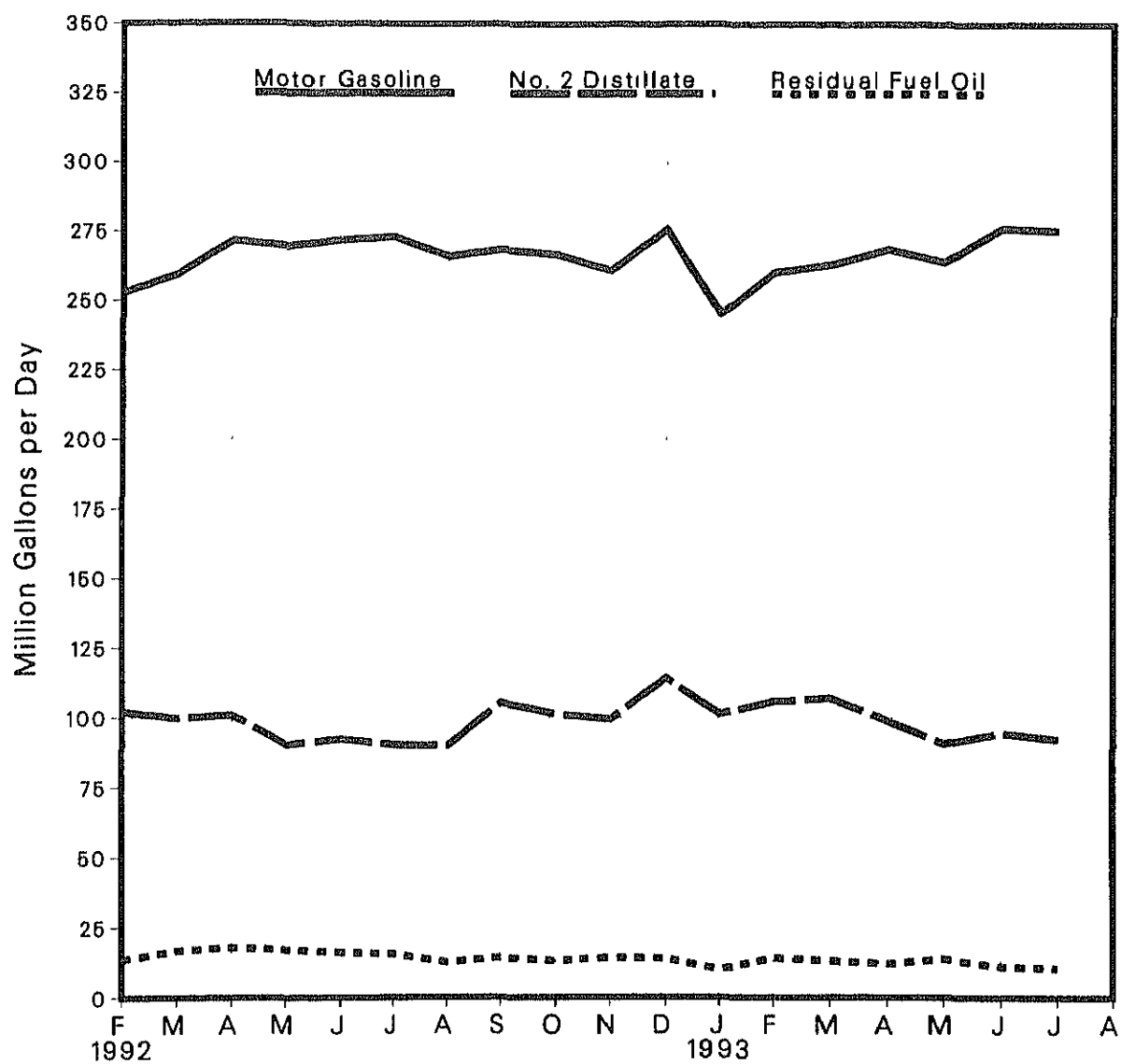
Year Month	Motor Gasoline	Aviation Gasoline	Kerosene- Type Jet Fuel	Propane (Consumer Grade)	Kerosene	No. 1 Distillate	No. 2 Distillate			No. 4 Fuel <sup>a</sup>	Residual Fuel Oil
							No. 2 Fuel Oil	No. 2 Diesel Fuel	Total		
<b>1983 Average</b>	242.5	0.7	5.4	26.0	2.5	2.4	47.3	38.1	85.5	0.0	20.2
<b>1984 Average</b>	246.3	.8	6.6	26.7	2.2	2.6	51.4	42.0	94.2	1.7	21.3
<b>1985 Average</b>	256.9	.7	7.6	29.2	2.4	2.7	53.9	43.3	97.3	1.2	19.9
<b>1986 Average</b>	257.2	.7	10.1	26.3	2.4	2.4	54.5	46.6	101.1	1.2	18.7
<b>1987 Average</b>	267.2	.8	10.1	27.0	2.3	2.0	49.3	44.3	93.6	1.5	16.9
<b>1988 Average</b>	263.7	.7	10.0	27.7	2.7	2.6	50.1	47.8	97.9	1.2	18.9
<b>1989 Average</b>	260.7	.7	8.6	25.9	2.7	2.7	46.7	50.7	97.5	1.2	21.0
<b>1990 Average</b>	264.8	.7	8.8	25.5	2.2	2.4	45.9	51.9	97.8	.8	17.9
<b>1991</b>											
January	239.9	.5	8.9	33.8	4.4	5.8	61.9	50.3	112.2	.9	19.8
February	244.6	.5	9.7	30.9	3.3	3.2	55.1	47.5	102.6	.7	19.8
March	255.9	.6	8.4	24.8	2.0	1.7	49.3	52.3	101.7	.6	15.4
April	274.3	.7	8.7	21.8	.9	9	43.8	52.3	96.1	.5	19.5
May	273.6	.8	7.5	19.1	.6	7	40.4	52.2	92.6	.2	20.4
June	268.4	.9	9.3	19.9	.7	8	41.8	53.3	95.1	2	18.9
July	274.1	.9	9.8	23.6	.8	8	42.7	52.0	94.8	.2	13.0
August	271.4	.9	9.2	23.2	1.0	1.0	42.2	52.8	95.0	.2	18.4
September	257.6	.8	8.2	24.0	1.7	1.5	40.7	52.5	93.2	.3	18.5
October	258.2	.7	7.8	26.2	2.2	2.8	46.5	56.6	103.1	.4	14.4
November	253.7	.5	8.1	27.5	3.2	4.8	43.5	47.0	90.5	.5	15.7
December	262.8	.5	9.0	30.1	3.9	4.5	54.5	48.3	102.8	.6	19.9
<b>1991 Average</b>	<b>261.3</b>	<b>.7</b>	<b>8.7</b>	<b>25.4</b>	<b>2.1</b>	<b>2.4</b>	<b>46.9</b>	<b>51.5</b>	<b>98.3</b>	<b>.4</b>	<b>17.8</b>
<b>1992</b>											
January	249.5	.5	7.4	33.9	4.6	4.6	61.7	47.9	109.6	.8	16.8
February	252.8	.5	8.7	28.4	3.4	3.0	56.4	45.7	102.1	.7	13.6
March	259.5	.7	7.6	24.1	2.4	1.7	50.4	49.4	99.8	.7	16.7
April	271.5	.6	7.7	21.6	1.2	.9	47.4	53.4	100.9	.4	17.9
May	269.5	.8	7.2	19.6	.8	6	39.5	50.8	90.3	.3	17.1
June	271.7	.8	8.5	20.7	.9	6	41.9	50.4	92.4	.1	16.2
July	272.8	.9	7.9	22.9	.6	7	37.6	52.7	90.3	.2	15.6
August	265.8	.8	7.7	24.2	1.1	1.1	39.2	50.8	90.0	.2	12.6
September	268.3	.7	7.9	25.6	1.8	1.9	52.8	52.6	105.4	.2	14.3
October	266.6	.6	9.1	27.4	2.6	2.4	45.5	55.8	101.3	.5	13.1
November	260.9	.5	8.7	33.4	2.9	4.0	50.8	48.9	99.6	.5	14.3
December	275.8	.4	8.2	37.0	4.2	6.0	63.6	50.8	114.4	.8	14.0
<b>1992 Average</b>	<b>265.7</b>	<b>.7</b>	<b>8.0</b>	<b>26.7</b>	<b>2.3</b>	<b>2.3</b>	<b>49.1</b>	<b>51.0</b>	<b>100.1</b>	<b>.4</b>	<b>16.0</b>
<b>1993</b>											
January	245.4	.4	9.2	34.2	3.8	5.3	54.2	47.3	101.5	.6	10.1
February	260.3	.5	7.5	35.1	4.3	4.5	57.1	48.9	105.9	.7	14.2
March	263.0	.6	8.6	30.3	3.3	2.5	56.0	51.1	107.1	.8	13.2
April	268.6	.6	7.4	21.8	1.3	9	47.1	51.9	99.0	.4	12.1
May	264.0	.7	7.2	19.0	.9	6	40.1	50.7	90.8	.2	13.8
June	276.3	.8	7.2	23.3	.8	.7	42.3	52.4	94.6	.2	11.2
July	275.5	.8	7.6	21.5	.8	6	39.4	53.0	92.4	.1	10.6

<sup>a</sup> Includes No. 4 fuel oil and No. 4 diesel fuel

Note: Values shown for the current month are preliminary. Values shown for previous month are revised. Data are final upon publication in the Petroleum Marketing Annual. Totals and averages may not equal the sum of components due to rounding.

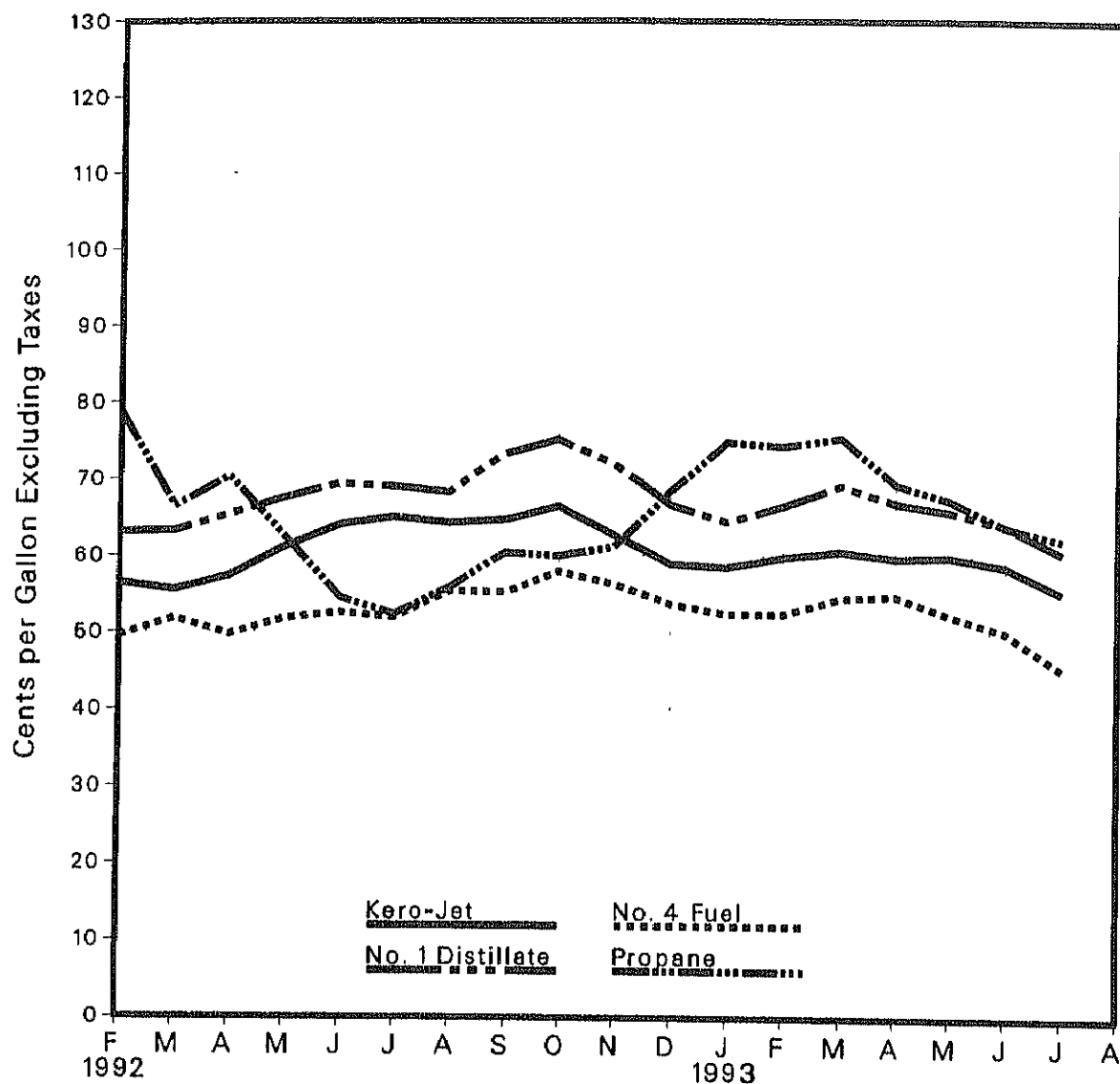
Source: Energy Information Administration Form EIA-782A, "Refiners/Gas Plant Operators' Monthly Petroleum Product Sales Report"





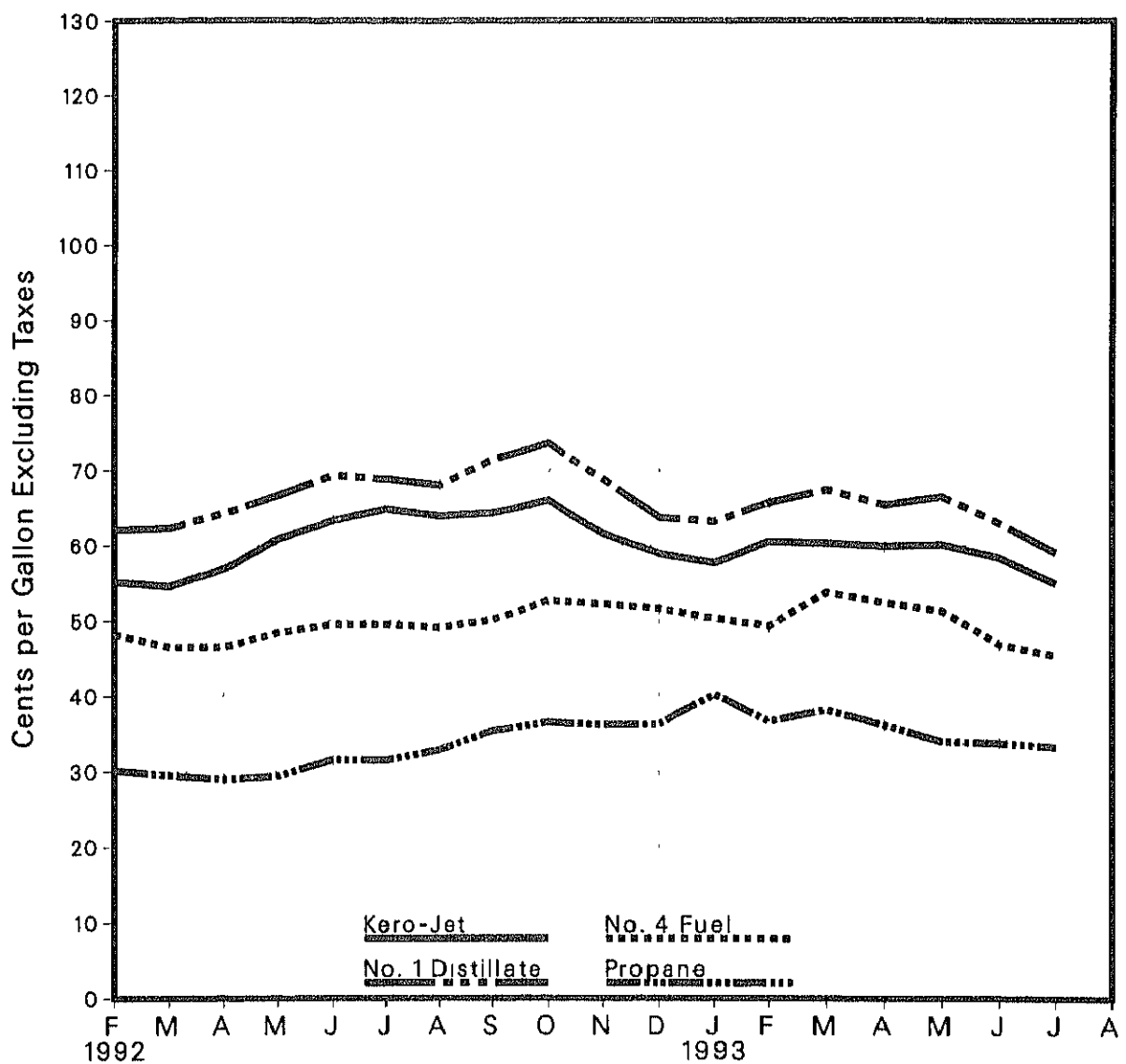
Source: Energy Information Administration, Form EIA-782A "Refiners/Gas Plant Operators Monthly Petroleum Product Sales Report."

**Figure 6. U.S. Refiner Retail Prices of Selected Products**



Source: Energy Information Administration, Form EIA-782A "Refiners/Gas Plant Operators Monthly Petroleum Product Sales Report."

Figure 7. U.S. Refiner Wholesale Prices of Selected Products



Source: Energy Information Administration, Form EIA-782A "Refiners/Gas Plant Operators Monthly Petroleum Product Sales Report."

**Table 6. U.S. Refiner Petroleum Product Prices to End Users by Seller**  
(Cents per Gallon Excluding Taxes)

Product	Major Refiners			Other Refiners			Average		
	July 1993	June 1993	July 1992	July 1993	June 1993	July 1992	July 1993	June 1993	July 1992
Motor Gasoline	78.2	80.3	83.9	75.8	78.5	82.3	77.6	79.8	83.5
Leaded Regular	74.6	74.9	84.8	84.3	85.6	90.5	77.7	78.2	86.8
Unleaded Regular	72.7	75.1	78.8	72.8	75.4	79.4	72.7	75.2	79.0
Unleaded Midgrade	82.5	84.7	87.6	79.6	82.5	85.6	81.9	84.2	87.3
Premium	91.4	93.3	96.6	87.5	90.6	94.2	90.6	92.8	96.1
Aviation Gasoline	100.8	103.8	108.1	91.9	94.9	93.8	99.7	102.5	106.8
Kerosene-Type Jet Fuel	55.2	58.6	64.9	56.2	59.3	65.3	55.3	58.7	64.9
Propane (Consumer Grade)	40.7	40.0	36.1	NA	77.5	67.1	62.2	63.9	52.3
Kerosene	61.5	65.5	72.6	60.0	59.9	65.7	61.4	65.3	70.5
No. 1 Distillate	56.7	61.8	66.5	67.1	68.0	73.7	60.5	64.0	68.9
No. 2 Distillate	58.2	59.8	63.8	58.1	62.0	66.1	56.6	60.2	64.3
No. 2 Fuel Oil	53.7	57.3	62.1	55.4	59.6	65.4	54.2	57.9	62.8
No. 2 Diesel Fuel	56.5	60.1	64.0	58.5	62.5	66.2	56.9	60.5	64.5
No. 4 Fuel <sup>a</sup>	44.9	49.6	51.8	53.4	53.6	53.6	45.4	50.2	51.9
Residual Fuel Oil	32.0	33.9	35.5	34.2	36.0	38.4	33.0	34.7	36.7
Sulfur Content not > 1 %	41.5	42.4	W	41.7	39.3	W	41.6	40.6	41.4
Sulfur Content > 1 %	28.2	30.8	W	29.0	32.8	W	28.5	31.5	34.9

<sup>a</sup> Includes No. 4 fuel oil and No. 4 diesel fuel.

NA = Not available      W = Withheld to avoid disclosure of individual company data.

Note: Values shown for the current month are preliminary. Values shown for previous month are revised. Data are final upon publication in the Petroleum Marketing Annual.

Source: Energy Information Administration Form EIA-782A, "Refiners/Gas Plant Operators' Monthly Petroleum Product Sales Report."

**Table 7. U.S. Refiner Petroleum Product Prices for Resale by Seller**  
(Cents per Gallon Excluding Taxes)

Product	Major Refiners			Other Refiners			Average		
	July 1993	June 1993	July 1992	July 1993	June 1993	July 1992	July 1993	June 1993	July 1992
Motor Gasoline	64.3	67.7	72.3	56.8	60.8	65.7	62.8	66.2	71.0
Leaded Regular	68.1	70.2	77.9	64.4	68.1	75.8	67.0	69.5	77.3
Unleaded Regular	60.5	64.0	68.7	55.7	59.8	64.5	59.3	62.9	67.7
Unleaded Midgrade	66.8	70.3	74.2	59.0	63.0	67.6	66.2	69.7	73.7
Premium	73.9	77.4	81.8	62.4	66.3	71.8	72.6	76.0	80.6
Aviation Gasoline	100.0	100.7	104.3	85.2	87.6	88.1	97.9	99.1	102.0
Kerosene-Type Jet Fuel	56.0	59.2	65.3	53.1	56.5	64.0	55.0	58.4	64.8
Propane (Consumer Grade)	33.3	33.7	31.7	33.2	34.1	31.2	33.3	33.8	31.5
Kerosene	56.5	59.0	68.4	51.9	55.3	63.7	53.6	56.9	65.7
No. 1 Distillate	60.3	62.9	68.7	58.5	63.0	68.9	59.1	63.0	68.8
No. 2 Distillate	52.3	56.2	61.6	52.1	56.1	61.5	52.2	56.2	61.6
No. 2 Fuel Oil	51.1	54.9	61.3	50.8	55.0	61.5	51.0	54.9	61.3
No. 2 Diesel Fuel	53.3	57.5	61.9	52.8	56.8	61.6	53.1	57.2	61.8
No. 4 Fuel <sup>a</sup>	W	W	W	43.9	45.4	48.5	45.4	46.9	49.5
Residual Fuel Oil	26.5	28.6	35.5	28.7	31.8	33.3	27.4	30.0	34.7
Sulfur Content not > 1 %	35.6	34.2	38.6	30.5	33.3	37.1	32.7	33.7	38.0
Sulfur Content > 1 %	23.4	25.6	34.3	27.0	28.4	31.7	24.5	26.4	33.3

<sup>a</sup> Includes No. 4 fuel oil and No. 4 diesel fuel.

W = Withheld to avoid disclosure of individual company data.

Note: Values shown for the current month are preliminary. Values shown for previous month are revised. Data are final upon publication in the Petroleum Marketing Annual.

Source: Energy Information Administration Form EIA-782A, "Refiners/Gas Plant Operators' Monthly Petroleum Product Sales Report."

**Table 8. U.S. Refiner Petroleum Product Volumes to End Users by Seller**  
(Thousand Gallons per Day)

Product	Major Refiners			Other Refiners			Total		
	July 1993	June 1993	July 1992	July 1993	June 1993	July 1992	July 1993	June 1993	July 1992
<b>Motor Gasoline</b> .. .. .	43,134	44,012	44,111	15,754	16,474	16,290	58,888	60,486	60,400
Leaded Regular .. .. .	363	423	487	174	189	255	538	612	742
Unleaded Regular .. .. .	26,459	27,542	27,365	11,462	12,007	11,997	37,920	39,550	39,362
Unleaded Midgrade .. .. .	7,538	7,461	7,611	1,910	1,998	1,811	9,447	9,459	9,422
Premium .. .. .	8,774	8,566	8,648	2,208	2,280	2,226	10,982	10,866	10,874
<b>Aviation Gasoline</b> .. .. .	216	200	213	30	34	21	247	234	234
<b>Kerosene-Type Jet Fuel</b> .. .. .	37,225	36,827	36,806	5,963	5,307	5,179	43,188	42,135	41,985
<b>Propane (Consumer Grade)</b> .. .. .	736	835	1,537	NA	1,479	1,689	2,112	2,314	3,226
<b>Kerosene</b> .. .. .	78	111	74	8	4	31	86	115	105
<b>No. 1 Distillate</b> .. .. .	153	168	166	88	91	85	240	259	252
<b>No. 2 Distillate</b> .. .. .	18,499	19,374	19,741	4,791	4,676	5,045	23,290	24,050	24,786
No. 2 Fuel Oil .. .. .	2,023	2,207	2,240	671	685	589	2,695	2,892	2,829
No. 2 Diesel Fuel .. .. .	16,476	17,167	17,501	4,120	3,991	4,456	20,595	21,158	21,957
<b>No. 4 Fuel<sup>a</sup></b> .. .. .	451	312	464	28	54	44	479	366	508
<b>Residual Fuel Oil</b> .. .. .	8,461	10,047	12,202	6,370	7,067	8,779	14,831	17,113	20,981
Sulfur Content not > 1 % .. .. .	2,430	2,614	W	2,599	3,456	W	5,029	6,070	5,660
Sulfur Content > 1 % .. .. .	6,031	7,432	W	3,770	3,611	W	9,801	11,043	15,121

<sup>a</sup> Includes No. 4 fuel oil and No. 4 diesel fuel.

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Source: Energy Information Administration Form EIA-782A, "Refiners/Gas Plant Operators' Monthly Petroleum Product Sales Report."

**Table 9. U.S. Refiner Petroleum Product Volumes for Resale by Seller**  
(Thousand Gallons per Day)

Product	Major Refiners			Other Refiners			Total		
	July 1993	June 1993	July 1992	July 1993	June 1993	July 1992	July 1993	June 1993	July 1992
<b>Motor Gasoline</b> .. .. .	218,788	216,124	216,229	56,728	60,164	56,598	275,516	276,289	272,827
Leaded Regular .. .. .	2,252	2,316	3,055	1,010	1,111	1,384	3,263	3,427	4,440
Unleaded Regular .. .. .	141,076	140,872	140,104	47,150	48,972	46,687	188,226	190,844	186,790
Unleaded Midgrade .. .. .	26,918	26,084	26,583	2,170	2,274	2,221	29,088	28,359	28,783
Premium .. .. .	48,542	46,852	46,507	6,398	6,806	6,306	54,940	53,659	52,814
<b>Aviation Gasoline</b> .. .. .	706	715	815	118	98	131	824	813	947
<b>Kerosene-Type Jet Fuel</b> .. .. .	4,950	5,015	5,244	2,670	2,185	2,612	7,620	7,200	7,856
<b>Propane (Consumer Grade)</b> .. .. .	12,234	13,509	13,387	9,287	9,751	9,558	21,521	23,260	22,945
<b>Kerosene</b> .. .. .	304	341	236	525	449	325	829	790	561
<b>No. 1 Distillate</b> .. .. .	201	285	287	435	380	397	637	664	684
<b>No. 2 Distillate</b> .. .. .	57,270	57,627	54,608	35,132	37,019	35,663	92,403	94,646	90,271
No. 2 Fuel Oil .. .. .	26,996	27,889	23,575	12,413	14,600	13,992	39,410	42,289	37,567
No. 2 Diesel Fuel .. .. .	30,274	29,938	31,033	22,719	22,420	21,672	52,993	52,357	52,704
<b>No. 4 Fuel<sup>a</sup></b> .. .. .	W	W	W	W	W	W	149	152	169
<b>Residual Fuel Oil</b> .. .. .	6,340	6,364	9,698	4,279	4,796	5,947	10,619	11,160	15,645
Sulfur Content not > 1 % .. .. .	1,607	2,227	2,672	2,082	3,376	1,822	3,688	5,603	4,495
Sulfur Content > 1 % .. .. .	4,734	4,137	7,026	2,197	1,420	4,124	6,931	5,557	11,150

<sup>a</sup> Includes No. 4 fuel oil and No. 4 diesel fuel.

W = Withheld to avoid disclosure of individual company data.

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Source: Energy Information Administration Form EIA-782A, "Refiners/Gas Plant Operators' Monthly Petroleum Product Sales Report."

**Table 10. U.S. Refiner Total Motor Gasoline Prices, Volumes, and Percentages by Seller**

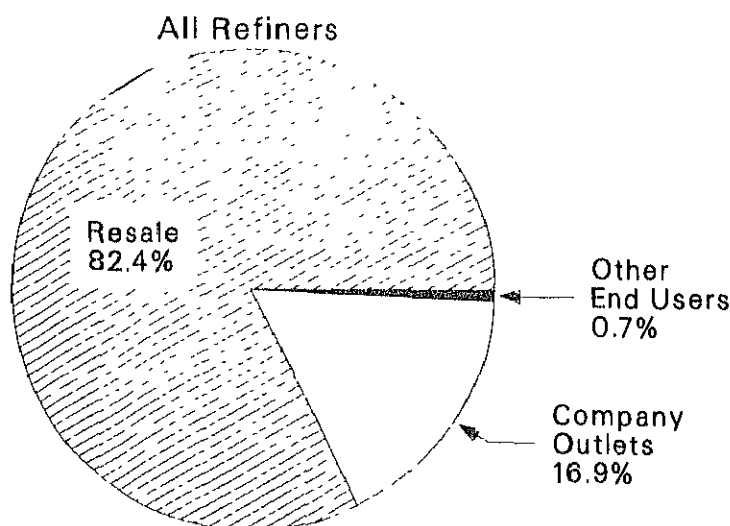
Sales Type Month	Major Refiners			Other Refiners			Total		
	Average Price (cents per gallon)	Volume (million gallons)	Percentage (by sales type)	Average Price (cents per gallon)	Volume (million gallons)	Percentage (by sales type)	Average Price (cents per gallon)	Volume (million gallons)	Percentage (by sales type)
<b>All Sales</b>									
July 1993 .....	66.6	8,120	100.0	60.9	2,247	100.0	65.4	10,367	100.0
June 1993 .....	69.9	7,804	100.0	64.6	2,299	100.0	68.7	10,103	100.0
July 1992 ....	74.3	8,071	100.0	69.4	2,260	100.0	73.2	10,330	100.0
<b>Sales to End Users</b>									
July 1993 .....	78.2	1,337	16.5	75.8	488	21.7	77.6	1,826	17.6
June 1993 .....	80.3	1,320	16.9	78.5	494	21.5	79.8	1,815	18.0
July 1992 .....	83.9	1,367	16.9	82.3	505	22.3	83.5	1,872	18.1
<b>Through Company Outlets</b>									
July 1993 .....	78.8	1,288	15.9	76.2	469	20.9	78.1	1,757	16.9
June 1993 .....	80.8	1,266	16.2	78.8	476	20.7	80.2	1,742	17.2
July 1992 .....	84.5	1,310	16.2	82.6	484	21.4	84.0	1,795	17.4
<b>Other End Users</b>									
July 1993 .....	63.8	49	.6	65.7	19	.8	64.3	68	.7
June 1993 .....	68.0	54	.7	69.2	18	.8	68.3	73	.7
July 1992 .....	71.3	57	.7	74.2	21	.9	72.1	78	.8
<b>Sales for Resale</b>									
July 1993 .....	64.3	6,782	83.5	56.6	1,759	78.3	62.8	8,541	82.4
June 1993 .....	67.7	6,484	83.1	60.8	1,805	78.5	66.2	8,289	82.0
July 1992 .....	72.3	6,703	83.1	65.7	1,755	77.7	71.0	8,458	81.9

Note: Values shown represent the percentage of major refiners (100 percent) or other refiners and gas plant operators (100 percent) sales by sales type. The sum of sales to end users and sales for resale is 100 percent for each seller type.

Note: Values shown for the current month are preliminary. Values shown for previous month are revised. Data are final upon publication in the Petroleum Marketing Annual. Totals or averages may not equal the sum of components due to rounding.

Source: Energy Information Administration Form EIA-782A, "Refiners/Gas Plant Operators' Monthly Petroleum Product Sales Report."

**Figure 8. Percentages of Refiner Total Motor Gasoline Sales, U.S. Average**



Source: Energy Information Administration, Form EIA-782A, "Refiners/Gas Plant Operators Monthly Petroleum Product Sales Report," providing July 1993 data.

**Table 11. U.S. Refiner Motor Gasoline Prices by Grade and Sales Type**  
(Cents per Gallon Excluding Taxes)

Year Month	Leaded Regular			Unleaded Regular			Unleaded Midgrade			Premium		
	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale
	Through Company Outlets	Other End Users		Through Company Outlets	Other End Users		Through Company Outlets	Other End Users		Through Company Outlets	Other End Users	
<b>1983 Average</b> ..	91.2	88.1	85.0	98.0	91.5	89.5	NA	NA	NA	108.0	96.1	96.4
<b>1984 Average</b> ..	85.1	82.8	79.5	92.2	86.5	84.2	NA	NA	NA	102.1	93.7	91.6
<b>1985 Average</b> ..	84.6	82.0	79.3	92.5	86.1	84.3	NA	NA	NA	103.0	92.8	92.2
<b>1986 Average</b> ..	57.8	54.4	50.1	62.4	54.9	52.2	NA	NA	NA	74.8	63.0	61.0
<b>1987 Average</b> ..	62.3	57.4	56.5	65.9	56.4	58.9	NA	NA	NA	79.0	65.4	67.1
<b>1988 Average</b> ..	62.4	55.5	54.8	64.9	55.0	54.8	NA	NA	NA	79.4	64.9	67.2
<b>1989 Average</b> ..	71.6	64.4	63.1	72.0	62.9	61.8	79.8	69.5	68.8	87.4	73.7	74.9
<b>1990 Average</b> ..	83.4	76.8	75.4	85.3	77.5	75.8	92.3	84.0	81.4	99.0	87.3	87.4
<b>1991</b>												
January .....	86.6	75.8	75.1	85.9	78.2	73.5	93.2	81.1	79.2	100.6	86.2	85.5
February .....	78.2	66.7	65.2	76.5	68.6	65.5	83.7	73.0	71.2	90.9	77.6	77.4
March .....	68.1	63.4	59.2	70.9	67.0	65.1	78.5	70.4	70.7	85.0	75.2	75.5
April .....	66.5	67.3	62.4	73.9	70.5	68.6	82.2	74.8	74.1	88.3	78.8	79.1
May .....	72.0	73.2	67.6	78.9	73.9	71.7	87.3	78.5	77.7	93.5	82.8	83.4
June .....	72.7	67.3	65.3	78.8	70.5	67.8	87.3	74.4	74.2	93.3	79.2	80.4
July .....	68.5	66.6	62.9	75.5	68.5	66.3	84.6	72.5	72.6	90.8	76.9	78.6
August .....	70.3	70.8	67.2	77.6	72.1	69.9	86.8	76.0	76.1	92.9	80.4	81.9
September .....	72.0	69.3	67.6	76.7	68.8	66.0	85.7	73.4	72.4	91.9	77.9	79.2
October .....	70.4	68.3	66.1	74.4	67.8	65.9	83.1	70.9	71.7	89.8	76.1	78.2
November .....	70.1	70.2	66.3	75.6	68.2	66.9	84.1	73.6	73.0	90.6	76.9	79.3
December .....	69.5	66.2	62.0	72.3	61.6	59.5	80.5	67.0	66.7	86.1	70.0	73.0
<b>1991 Average</b> ..	<b>71.7</b>	<b>69.0</b>	<b>65.7</b>	<b>76.4</b>	<b>69.6</b>	<b>67.2</b>	<b>84.7</b>	<b>73.8</b>	<b>73.3</b>	<b>91.2</b>	<b>78.2</b>	<b>79.2</b>
<b>1992</b>												
January .....	67.2	63.6	56.2	67.6	57.3	56.5	78.8	60.7	63.7	85.5	66.7	70.2
February .....	66.6	64.9	58.5	68.4	59.7	58.5	75.4	61.2	65.0	84.5	69.1	71.6
March .....	68.3	NA	60.6	67.2	61.2	59.7	76.1	63.8	65.2	85.0	70.3	71.9
April .....	72.5	70.1	65.8	70.9	65.3	63.7	79.6	68.9	68.8	88.9	74.3	75.4
May .....	80.8	76.7	73.2	76.7	70.4	68.5	85.0	74.6	73.8	93.7	80.4	80.6
June .....	85.1	79.1	76.6	80.7	72.9	71.2	88.7	76.7	76.7	97.5	82.4	83.3
July .....	86.9	78.4	77.3	79.4	70.3	67.7	87.7	73.3	73.7	96.8	79.2	80.6
August .....	85.7	77.0	74.9	78.2	69.0	67.3	86.6	72.4	73.3	95.9	78.2	80.3
September .....	83.5	75.8	73.8	78.3	70.5	67.8	86.8	74.1	74.0	95.8	79.8	80.9
October .....	84.0	77.1	73.1	77.3	69.2	67.1	85.5	72.9	73.4	94.7	78.3	80.2
November .....	84.2	NA	71.7	77.4	67.6	64.4	85.7	70.9	72.2	95.2	76.5	78.9
December .....	81.0	73.8	65.2	74.3	62.7	60.0	82.9	66.1	68.2	92.5	71.9	74.4
<b>1992 Average</b> ..	<b>78.5</b>	<b>74.2</b>	<b>69.3</b>	<b>74.5</b>	<b>66.3</b>	<b>64.4</b>	<b>82.6</b>	<b>69.1</b>	<b>70.7</b>	<b>91.3</b>	<b>75.8</b>	<b>77.3</b>
<b>1993</b>												
January .....	78.4	70.6	63.3	72.6	61.6	60.2	81.6	66.1	68.1	90.6	70.9	74.2
February .....	75.9	71.2	64.4	71.9	62.1	60.4	80.8	66.4	67.5	88.6	71.7	73.3
March .....	71.6	72.6	63.9	71.5	62.9	62.0	80.7	67.3	68.7	88.3	71.6	74.7
April .....	73.0	76.4	66.7	73.5	65.6	64.8	82.9	70.0	70.8	91.7	75.1	76.7
May .....	77.0	78.5	68.4	75.8	67.8	66.1	84.0	72.3	72.3	93.7	77.9	78.4
June .....	78.2	77.7	69.5	75.6	66.6	62.9	84.6	69.9	69.7	93.4	75.1	76.0
July .....	77.8	75.2	67.0	73.1	62.6	59.3	82.4	65.5	66.2	91.2	70.8	72.6

NA = Not available.

Note: Values shown for the current month are preliminary. Values shown for previous month are revised. Data are final upon publication in the Petroleum Marketing Annual.

Source: Energy Information Administration Form EIA-782A, "Refiners/Gas Plant Operators' Monthly Petroleum Product Sales Report."

**Table 12. U.S. Refiner Motor Gasoline Volumes by Grade and Sales Type**  
(Million Gallons per Day)

Year Month	Leaded Regular			Unleaded Regular			Unleaded Midgrade			Premium		
	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale
	Through Company Outlets	Other End Users		Through Company Outlets	Other End Users		Through Company Outlets	Other End Users		Through Company Outlets	Other End Users	
<b>1983 Average</b>	17.3	4.1	115.4	20.0	3.6	98.3	NA	NA	NA	5.0	1.2	20.7
<b>1984 Average</b>	17.5	3.1	105.8	24.3	3.5	106.0	NA	NA	NA	8.5	.7	33.7
<b>1985 Average</b>	15.0	2.7	99.2	26.2	3.6	119.7	NA	NA	NA	9.2	.7	38.0
<b>1986 Average</b>	14.4	2.3	84.9	30.9	3.9	128.1	NA	NA	NA	9.0	.9	45.0
<b>1987 Average</b>	11.8	1.4	62.3	32.7	3.4	141.9	NA	NA	NA	11.2	.5	53.0
<b>1988 Average</b>	8.7	.7	47.7	34.2	3.1	153.6	NA	NA	NA	13.8	.6	62.4
<b>1989 Average</b>	4.7	.4	27.8	34.3	2.5	155.7	4.9	0.2	16.4	13.5	.7	60.8
<b>1990 Average</b>	2.1	.1	13.6	38.7	2.1	174.5	7.4	.2	23.1	11.2	.5	53.7
<b>1991</b>												
January	1.6	.1	9.0	36.5	2.0	160.2	7.0	.3	20.8	9.0	.4	42.0
February	1.7	.1	8.3	38.1	1.7	172.2	7.4	.2	20.9	10.0	.3	43.2
March	1.7	.0	9.0	39.1	1.9	178.9	7.6	.3	21.9	10.5	.4	46.0
April	1.8	.1	9.9	39.2	2.2	193.3	7.7	.2	23.3	10.3	.4	47.8
May	1.8	.1	9.4	39.4	2.2	191.2	7.9	.3	24.4	10.2	.4	48.6
June	1.8	.1	9.5	39.8	2.0	185.3	8.1	.3	24.4	10.8	.4	49.2
July	1.8	0	9.8	38.9	2.0	187.9	8.2	.3	25.3	11.0	.4	51.0
August	1.8	0	9.6	39.2	2.0	185.3	8.1	.3	25.4	10.8	.4	51.0
September	1.7	.0	8.3	37.5	2.0	177.8	7.9	.2	23.1	10.6	.4	48.3
October	1.5	.1	8.2	37.9	2.1	175.1	8.1	.3	24.0	10.8	.4	50.9
November	1.3	0	6.2	37.1	2.1	173.9	8.4	.2	24.3	10.9	.4	49.3
December	1.1	.0	4.4	37.5	1.9	181.1	9.0	.2	25.9	11.2	.4	51.4
<b>1991 Average</b>	1.6	.1	8.5	38.4	2.0	180.9	7.9	.3	23.7	10.5	.4	48.3
<b>1992</b>												
January	.7	0	3.7	34.4	1.9	170.2	8.4	.3	25.9	10.3	.4	49.7
February	.7	.0	3.8	35.5	1.9	172.8	8.7	.4	26.3	10.7	.4	49.9
March	.8	0	4.0	36.3	2.0	177.8	8.9	.4	26.8	10.8	.4	50.9
April	.7	.0	4.4	36.7	2.0	185.6	9.0	.3	27.7	10.8	.4	53.8
May	.7	.0	4.3	36.8	1.9	184.9	8.9	.3	27.4	10.5	.4	52.9
June	.8	0	4.5	37.8	1.9	186.6	9.0	.3	28.1	10.2	.4	52.4
July	.7	.0	4.4	37.5	1.8	186.8	9.1	.3	28.8	10.5	.4	52.8
August	.7	.0	4.3	37.1	1.7	182.1	8.9	.3	28.0	10.0	.4	51.3
September	.7	.0	4.1	37.0	1.7	187.2	8.7	.3	27.4	9.8	.4	49.6
October	.7	.0	3.9	37.0	1.7	182.8	8.9	.3	28.0	10.1	.4	51.9
November	.8	.0	3.3	35.6	1.6	179.9	8.6	.3	27.0	9.8	.4	50.6
December	.6	.0	3.1	36.9	1.6	189.5	9.1	.3	28.7	10.4	.4	54.5
<b>1992 Average</b>	.7	.0	4.0	36.6	1.8	182.5	8.8	.3	27.5	10.4	.4	51.8
<b>1993</b>												
January	.5	0	2.8	33.4	1.5	169.1	8.3	.3	25.5	9.6	.3	48.1
February	.6	.0	2.9	35.1	1.7	178.6	8.7	.3	26.9	10.6	.4	51.8
March	.6	.0	3.1	35.4	1.8	182.3	8.7	.3	27.2	10.5	.4	50.4
April	.6	.0	3.3	36.3	1.8	184.7	8.8	.3	28.0	10.0	.4	52.6
May	.5	.0	3.3	35.9	1.7	181.7	8.8	.3	27.5	9.9	.4	51.6
June	.6	.0	3.4	37.8	1.8	190.8	9.2	.3	28.4	10.5	.4	53.7
July	.5	.0	3.3	36.3	1.6	188.2	9.2	.3	28.1	10.6	.4	54.9

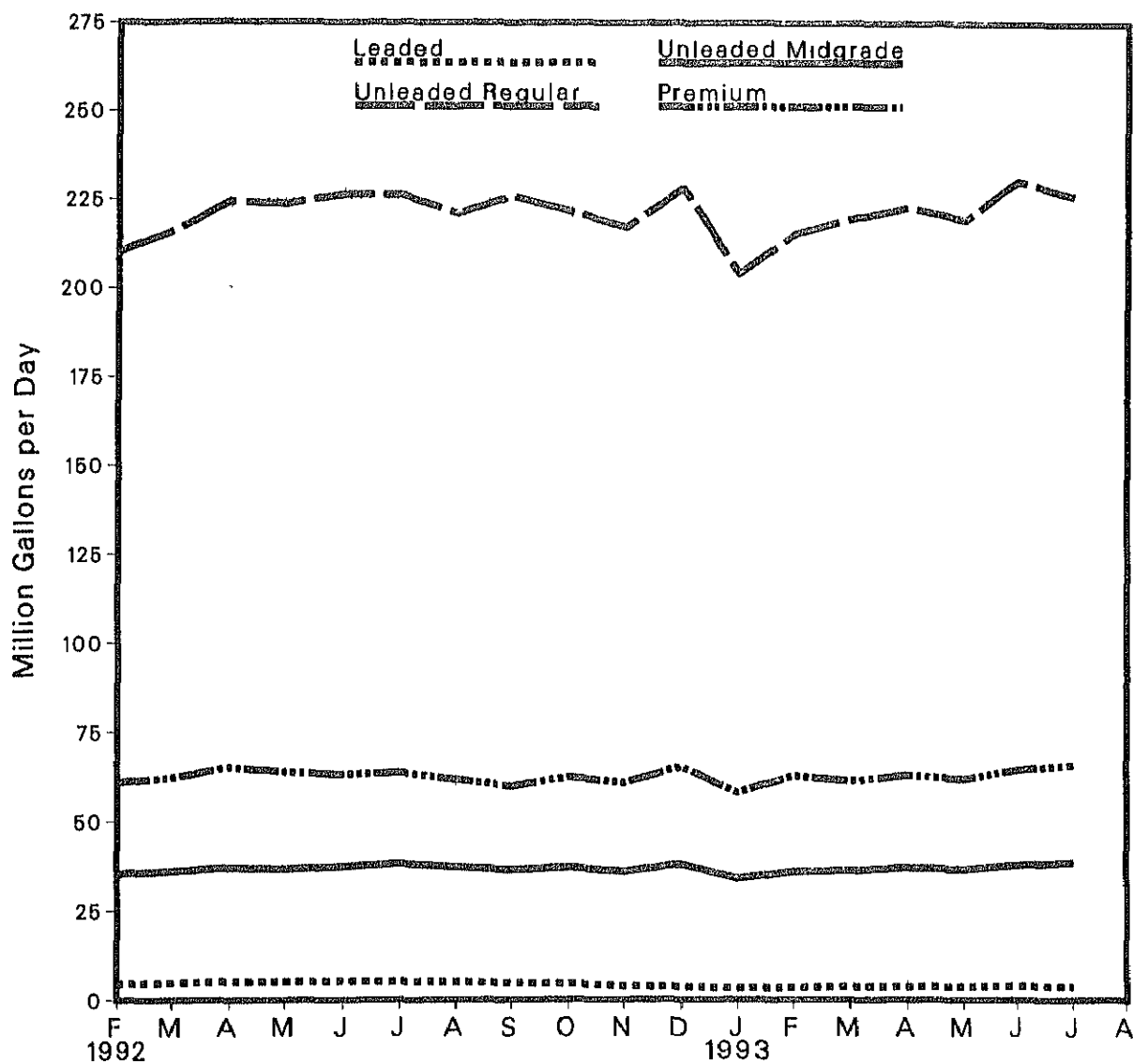
NA = Not available.

Note: Values shown for the current month are preliminary. Values shown for previous month are revised. Data are final upon publication in the Petroleum Marketing Annual. Totals and averages may not equal the sum of components due to rounding.

Source: Energy Information Administration Form EIA-702A, "Refiners/Gas Plant Operators' Monthly Petroleum Product Sales Report "



**Figure 9. U.S. Refiner Total Motor Gasoline Sales Volumes**



Source: Energy Information Administration, Form EIA-782A "Refiners/Gas Plant Operators Monthly Petroleum Product Sales Report."

**Table 15. U.S. No. 2 Distillate Prices**  
(Cents per Gallon Excluding Taxes)

Year Month	Sales to End Users						Sales for Resale
	To Residential Consumers <sup>a</sup>	To Commercial/ Institutional Consumers	To Industrial Consumers	Sales Through Company Outlets <sup>b</sup>	To Other End Users <sup>c</sup>	Average	
<b>1983 Average</b>	107.8	86.3	88.3	94.3	89.7	93.3	81.8
<b>1984 Average</b>	109.1	85.7	87.0	92.0	89.2	92.6	81.9
<b>1985 Average</b>	105.3	82.1	83.4	88.8	85.3	89.0	79.1
<b>1986 Average</b>	83.8	51.4	53.7	59.8	58.0	61.4	48.0
<b>1987 Average</b>	80.3	56.6	59.7	64.4	63.1	64.3	53.5
<b>1988 Average</b>	81.3	51.9	54.2	61.6	58.7	61.2	48.2
<b>1989 Average</b>	90.0	60.8	63.8	68.5	66.7	69.5	57.2
<b>1990 Average</b>	106.3	75.1	78.0	85.2	82.8	84.1	70.6
<b>1991</b>							
January	117.1	84.1	85.0	90.6	89.2	96.3	76.9
February	110.5	75.1	76.3	81.1	79.3	86.8	68.7
March	102.6	65.2	67.0	72.0	71.7	76.3	59.9
April	98.9	63.0	65.8	70.4	71.0	71.3	58.0
May	92.5	61.7	64.2	69.9	70.3	68.0	57.3
June	89.3	59.6	62.1	67.8	68.1	65.2	55.1
July	86.6	61.4	64.3	68.5	69.1	66.4	57.6
August	87.0	64.9	68.1	72.0	72.5	69.8	61.8
September	89.7	66.6	70.5	73.9	74.9	72.4	63.1
October	94.0	70.2	73.2	76.3	77.8	76.3	66.5
November	98.0	71.6	74.4	78.9	77.3	79.5	66.9
December	95.9	63.3	65.8	74.1	89.4	75.1	58.6
<b>1991 Average</b>	101.9	67.5	69.7	74.5	73.8	76.0	62.7
<b>1992</b>							
January	94.2	58.9	60.9	67.9	65.3	72.7	52.8
February	94.2	60.7	62.7	67.3	66.5	73.0	54.9
March	93.2	59.8	62.5	67.4	67.5	71.1	54.6
April	92.5	61.5	65.5	69.5	69.9	70.3	57.5
May	92.3	63.8	67.9	72.0	73.3	70.9	60.1
June	92.0	66.0	70.4	74.2	74.4	72.0	62.7
July	90.4	65.4	69.9	74.6	73.5	71.3	62.1
August	88.6	64.4	68.8	73.8	73.1	70.5	60.9
September	90.1	66.9	70.9	74.3	75.5	73.1	63.5
October	93.7	68.8	72.7	76.2	77.5	76.1	65.4
November	94.8	65.3	69.0	74.9	73.9	75.1	60.3
December	94.5	63.0	66.0	72.1	69.9	74.9	57.0
<b>1992 Average</b>	93.4	63.9	67.5	71.8	72.1	72.6	59.1
<b>1993</b>							
January	94.3	61.6	64.3	70.3	68.4	74.2	55.7
February	94.6	63.5	65.7	70.2	69.9	75.7	58.1
March	95.4	65.3	67.8	72.2	71.7	76.1	60.1
April	92.5	63.9	68.9	72.2	72.2	72.2	59.3
May	91.0	63.2	68.2	71.4	72.6	69.9	58.9
June	88.9	61.3	66.8	70.7	69.9	67.8	56.7
July	85.5	58.0	63.6	68.8	66.8	64.7	53.0

<sup>a</sup> No. 2 fuel oil only.

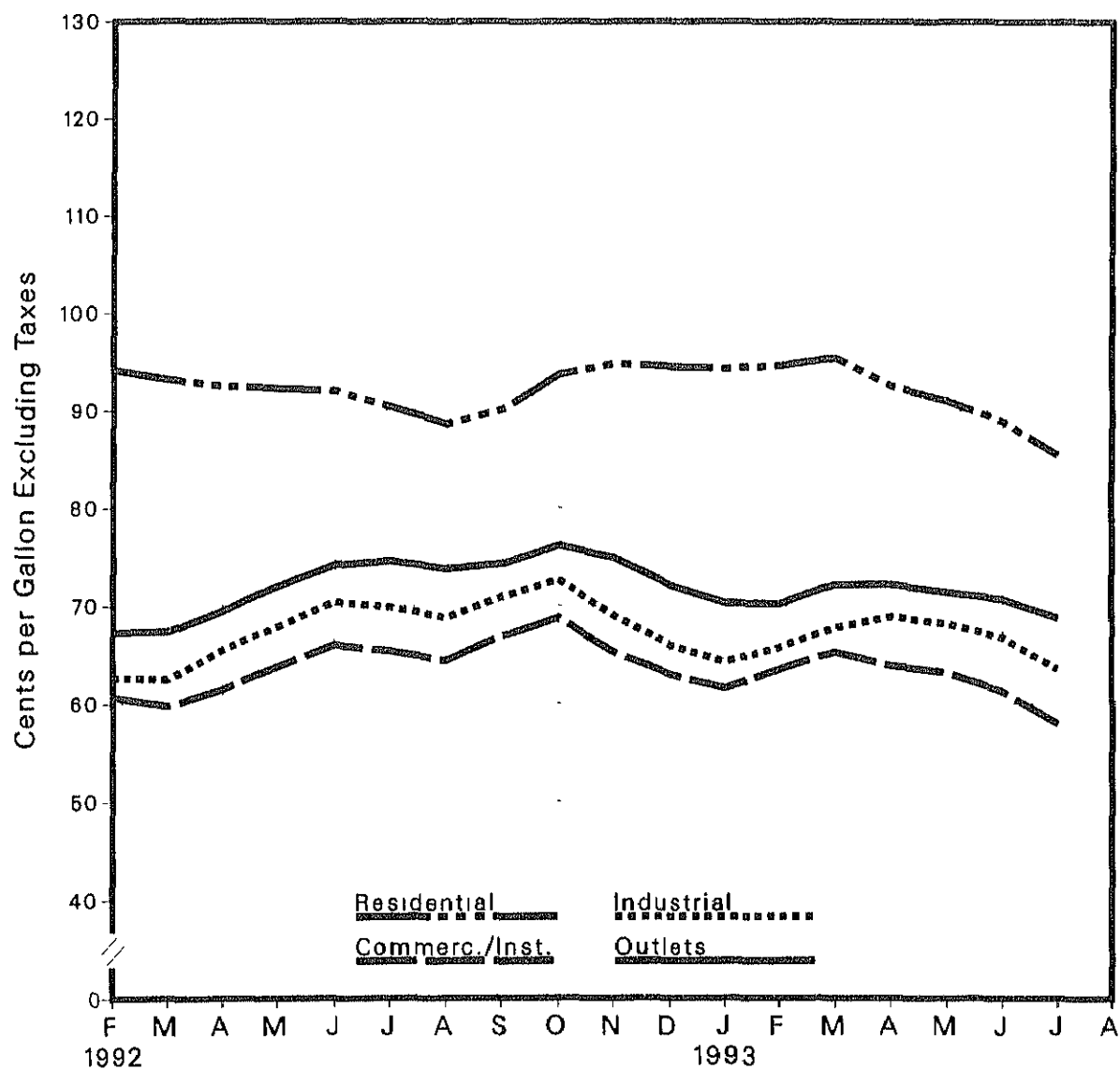
<sup>b</sup> No. 2 diesel fuel only.

<sup>c</sup> Sales to "other end users" are all end user sales not included in the other end-user categories shown, e.g., sales to agricultural customers or utilities.

Note: Values shown for the current month are preliminary. Values shown for previous month are revised. Data are final upon publication in the Petroleum Marketing Annual.

Sources: Energy Information Administration Form EIA-782A, "Refiners/Gas Plant Operators' Monthly Petroleum Product Sales Report," and EIA-782B, "Reseller/Retailers' Monthly Petroleum Product Sales Report."

**Figure 10. U.S. No. 2 Distillate Average Retail Prices**



Source: Energy Information Administration, Form EIA-782A "Refiners/Gas Plant Operators Monthly Petroleum Product Sales Report."

**Table 16. Prices of No. 2 Distillate to Residences  
by Selected States**  
(Cents per Gallon Excluding Taxes)

Year Month	CT	ME	MA	NH	RI	VT	DE	DC	MD	NJ	NY	PA	VA
1978 Average	50.1	48.6	48.8	50.3	50.7	50.8	47.8	50.7	49.2	49.6	50.1	48.8	49.1
1979 Average	72.0	68.8	70.0	72.5	72.8	72.5	68.2	74.2	70.1	71.0	71.2	69.8	70.4
1980 Average	98.3	96.3	97.8	100.4	101.1	101.5	95.4	102.6	97.9	97.9	98.2	96.4	98.6
1981 Average	121.7	120.4	121.3	123.7	123.8	125.4	117.3	127.4	121.4	121.5	123.2	118.1	120.5
1982 Average	118.3	115.5	117.6	117.4	120.1	120.1	111.3	124.5	117.1	117.4	120.5	113.7	117.7
1983 Average	109.1	102.8	108.1	104.1	110.5	112.9	106.0	117.0	110.3	107.9	112.1	105.8	108.7
1984 Average	112.1	103.9	111.6	108.4	111.4	111.9	109.6	118.7	113.5	111.0	115.5	107.9	110.5
1985 Average	108.0	99.7	107.0	102.4	106.7	107.7	104.6	114.3	108.8	105.9	111.3	102.3	106.3
1986 Average	89.0	74.4	82.1	75.9	82.6	86.6	85.0	93.1	91.4	90.2	91.1	81.4	86.8
1987 Average	83.4	74.7	80.6	76.5	82.5	81.1	79.3	91.8	86.6	84.3	85.2	76.9	79.5
1988 Average	85.3	77.7	82.1	78.2	83.6	82.6	80.1	91.6	87.0	84.8	86.3	77.8	80.5
1989 Average	92.9	89.4	92.6	89.3	93.9	90.5	88.2	98.8	93.9	91.8	95.8	85.1	87.0
1990 Average	109.8	98.9	108.4	102.8	108.6	107.0	105.8	107.8	111.9	108.7	112.5	102.6	110.6
<b>1991</b>													
January	122.5	114.4	118.1	107.2	113.3	117.7	113.0	124.1	122.0	119.6	124.6	117.7	117.2
February	116.0	105.9	111.3	100.7	109.5	111.3	105.4	118.6	116.1	113.2	120.2	110.9	110.3
March	109.0	95.4	102.6	90.5	101.8	104.4	98.4	112.3	107.7	104.3	112.8	101.8	102.4
April	101.4	87.1	96.1	83.9	94.7	98.5	92.3	105.6	102.7	98.6	106.7	95.5	96.1
May	95.5	81.9	91.7	79.4	89.7	93.5	91.5	101.1	98.7	94.4	101.2	89.9	90.7
June	92.7	79.6	88.9	77.3	87.1	91.3	84.0	95.3	96.2	90.3	98.1	85.7	87.8
July	90.0	82.3	88.5	77.6	88.8	88.1	81.5	98.6	93.7	88.5	93.9	80.8	86.9
August	89.7	83.4	88.7	80.6	88.7	88.6	86.0	98.6	94.0	89.0	93.0	81.8	87.5
September	92.0	87.3	89.9	84.2	90.3	91.9	87.3	101.7	96.8	92.2	98.7	83.4	90.4
October	96.3	91.3	94.9	87.9	94.9	93.9	92.8	104.0	100.1	95.9	103.3	88.8	93.6
November	99.8	95.1	97.5	90.1	95.8	95.7	96.9	107.3	103.2	100.7	108.1	93.6	97.0
December	98.3	89.3	95.8	88.8	93.4	94.1	94.9	107.7	102.6	96.6	105.7	93.1	95.2
1991 Average	106.2	96.0	103.0	91.6	99.9	101.9	99.7	112.2	108.4	104.0	111.3	99.7	101.1
<b>1992</b>													
January	98.4	87.7	93.2	88.1	90.7	92.4	94.4	107.3	101.6	95.6	103.4	91.4	94.3
February	95.6	88.2	92.5	86.5	91.7	92.8	92.7	107.3	100.9	95.1	103.8	91.5	93.7
March	94.0	86.4	91.5	83.3	90.9	92.2	92.4	105.3	100.3	93.5	102.1	90.1	93.7
April	93.3	85.5	91.4	81.8	90.4	91.7	91.5	104.7	99.0	92.9	101.1	89.4	92.6
May	93.1	85.5	91.0	81.7	90.9	91.5	90.2	102.3	97.2	89.2	101.1	88.6	91.7
June	91.8	87.1	91.3	82.9	89.7	90.7	91.4	102.7	97.6	90.4	101.7	86.5	89.6
July	93.1	87.7	90.4	82.3	89.9	89.1	90.6	102.0	95.7	90.3	100.7	83.0	90.2
August	90.5	87.8	89.8	81.8	89.4	89.4	89.5	101.9	95.2	88.1	99.0	81.7	88.4
September	91.8	86.8	90.7	83.0	89.8	91.6	90.3	101.2	95.7	90.8	99.7	84.4	89.4
October	94.9	89.3	93.5	87.6	92.7	92.0	93.7	104.0	98.8	94.0	102.7	87.5	91.9
November	95.8	88.3	93.8	87.6	92.5	92.6	92.8	105.7	100.4	94.6	104.7	89.6	92.1
December	95.2	85.7	93.5	87.7	91.5	92.9	90.9	105.4	100.4	95.4	104.3	89.3	93.3
1992 Average	94.7	87.1	92.4	85.8	91.2	92.2	92.4	105.7	99.9	93.9	102.8	88.9	92.8
<b>1993</b>													
January	94.9	85.2	94.0	87.1	91.7	93.4	90.8	105.2	100.5	96.5	104.3	89.0	92.4
February	96.2	85.4	94.4	87.0	91.8	93.3	90.8	106.8	101.3	96.7	104.2	89.1	93.5
March	96.7	86.5	94.8	86.8	92.4	93.7	92.4	108.5	101.6	96.2	104.2	89.8	94.2
April	93.6	83.0	91.3	85.0	90.3	91.2	91.6	107.1	99.2	95.1	100.1	89.0	90.3
May	91.7	81.5	90.9	83.8	90.6	91.2	89.4	104.3	96.2	91.8	98.3	86.6	88.6
June	88.6	80.8	88.6	82.5	87.6	89.7	90.9	100.4	95.2	88.0	97.8	84.0	86.0
July	86.1	77.7	83.7	78.7	84.6	85.5	89.4	99.5	91.8	87.4	94.4	79.0	85.1

See footnotes at end of table.

**Table 16. Prices of No. 2 Distillate to Residences  
by Selected States (Continued)**  
(Cents per Gallon Excluding Taxes)

Year Month	WV	IL	IN	MI	MN	OH	WI	ID	AK	OR	WA	U.S. Average
1978 Average	46.2	46.5	48.5	47.9	47.8	47.4	44.7	43.6	53.2	45.8	48.6	48.0
1979 Average	65.1	68.0	72.7	70.9	72.4	68.6	67.3	62.1	68.2	68.0	69.7	70.4
1980 Average	92.2	95.8	99.6	97.8	99.9	91.9	91.5	91.6	97.8	97.3	100.8	97.4
1981 Average	115.0	114.9	118.5	118.3	118.4	113.2	109.1	110.4	118.0	111.4	118.5	119.4
1982 Average	109.3	110.9	114.3	113.9	115.1	110.2	107.8	110.4	117.4	111.6	117.6	116.0
1983 Average	101.0	100.4	100.7	106.4	103.1	101.3	101.2	101.8	108.8	103.6	109.0	107.8
1984 Average	102.1	100.1	103.1	105.0	104.1	102.1	101.0	98.5	106.9	99.3	102.6	109.1
1985 Average	98.0	97.5	99.1	102.1	101.9	99.7	98.3	97.2	108.3	97.1	101.1	105.3
1986 Average	74.6	NA	74.8	81.0	79.2	77.7	75.6	73.8	94.9	70.4	77.5	83.6
1987 Average	76.4	79.8	75.4	77.5	74.6	74.7	75.1	68.8	88.5	72.5	79.5	80.3
1988 Average	74.2	77.6	75.4	77.5	73.5	74.7	73.9	68.8	86.9	70.9	78.5	81.3
1989 Average	83.0	80.9	83.2	85.3	82.4	81.6	81.1	77.8	96.4	80.2	87.4	90.0
1990 Average	99.1	96.1	99.3	100.9	101.4	98.1	94.2	97.4	110.1	97.0	102.9	106.3
<b>1991</b>												
January	110.5	102.5	105.9	108.8	105.4	105.5	102.4	110.8	129.3	108.4	118.4	117.1
February	101.5	92.9	95.4	98.5	93.5	94.6	92.4	97.3	122.8	102.9	112.0	110.5
March	90.8	86.5	87.9	91.5	87.2	85.7	87.8	84.0	109.5	88.8	95.3	102.6
April	87.6	88.3	86.0	90.7	87.8	83.2	84.0	83.4	101.9	86.4	93.5	96.9
May	85.8	88.5	86.3	88.1	88.1	83.1	82.9	84.4	101.3	86.5	94.9	92.5
June	83.6	86.8	80.3	87.4	87.1	80.7	80.9	83.4	98.2	85.6	91.7	89.3
July	81.7	82.2	78.8	83.3	84.4	79.6	78.0	80.0	98.8	83.6	85.5	86.6
August	82.4	86.5	85.5	84.4	86.3	81.1	78.8	84.6	96.8	87.3	92.6	87.0
September	84.8	87.3	85.5	86.8	84.0	84.8	82.7	87.4	92.4	90.6	93.5	89.7
October	89.7	88.4	86.7	89.5	86.8	88.7	85.7	87.6	91.3	89.1	95.2	94.0
November	91.8	92.4	87.8	92.8	89.2	91.8	89.9	93.3	98.0	90.6	99.5	98.0
December	89.0	89.9	83.3	89.9	84.4	86.0	85.4	94.7	95.2	87.0	96.2	85.9
1991 Average	93.4	92.7	91.8	94.2	91.1	91.0	89.5	95.1	105.0	93.3	101.6	101.9
<b>1992</b>												
January	85.5	85.2	77.8	86.6	79.4	82.0	80.1	88.1	92.7	85.3	82.0	94.2
February	86.9	85.6	78.7	86.5	79.6	83.0	79.8	79.2	91.1	83.5	90.9	94.2
March	86.6	88.1	79.5	86.6	78.7	82.5	79.2	82.2	93.0	82.6	91.8	93.2
April	85.6	88.4	80.2	86.7	81.8	82.9	80.4	84.2	92.1	85.5	92.0	92.5
May	84.2	89.0	81.2	86.4	83.9	83.5	81.5	86.1	93.6	88.9	94.3	92.3
June	86.5	90.8	79.6	85.1	82.9	85.3	81.9	84.8	93.9	89.2	90.6	92.0
July	82.3	87.9	82.4	85.0	84.5	81.7	81.1	86.1	93.0	87.3	86.0	90.4
August	81.4	86.4	83.1	85.7	84.1	82.3	80.6	79.4	96.8	84.0	84.0	88.6
September	85.4	88.9	84.8	88.2	85.0	84.7	83.6	86.0	93.4	87.8	90.3	90.1
October	88.3	90.8	85.8	90.0	87.1	86.4	84.1	89.6	96.8	91.7	94.5	93.7
November	88.0	90.4	82.7	88.2	86.0	84.6	83.7	91.7	97.7	92.8	98.7	94.8
December	89.0	88.2	81.8	87.9	83.1	84.5	84.3	86.8	95.8	91.5	99.7	94.5
1992 Average	86.4	87.6	81.1	87.1	82.3	83.6	81.8	85.7	94.0	87.8	94.3	93.4
<b>1993</b>												
January	88.3	87.2	81.8	88.3	82.9	84.2	82.1	84.8	95.1	91.7	100.6	94.3
February	88.6	88.2	82.3	87.6	83.0	85.5	83.3	84.2	95.1	89.9	101.4	94.6
March	89.9	90.0	83.1	90.1	83.9	86.6	84.0	87.8	94.2	90.7	99.7	95.4
April	86.9	NA	84.9	90.8	83.3	86.9	84.7	84.1	94.7	92.1	101.5	92.5
May	84.8	84.8	83.6	89.8	84.1	86.0	84.9	82.9	96.6	91.3	100.3	91.0
June	86.7	81.2	82.1	87.4	83.4	85.7	84.2	82.8	97.1	90.2	95.1	88.9
July	81.2	79.3	79.8	83.4	82.0	79.8	84.4	80.0	95.2	86.1	92.6	85.5

NA = Not available

Note. Values shown for the current month are preliminary. Values shown for previous month are revised. Data are final upon publication in the Petroleum Marketing Annual

Sources. Energy Information Administration Form EIA-782A, "Refiners/Gas Plant Operators' Monthly Petroleum Product Sales Report," and EIA-782B, "Reseller/Retailers' Monthly Petroleum Product Sales Report," January 1993 forward. Energy Information Administration Form EIA-9A, "No. 2 Distillate Price Monitoring Report," source for backcast estimates prior to January 1993

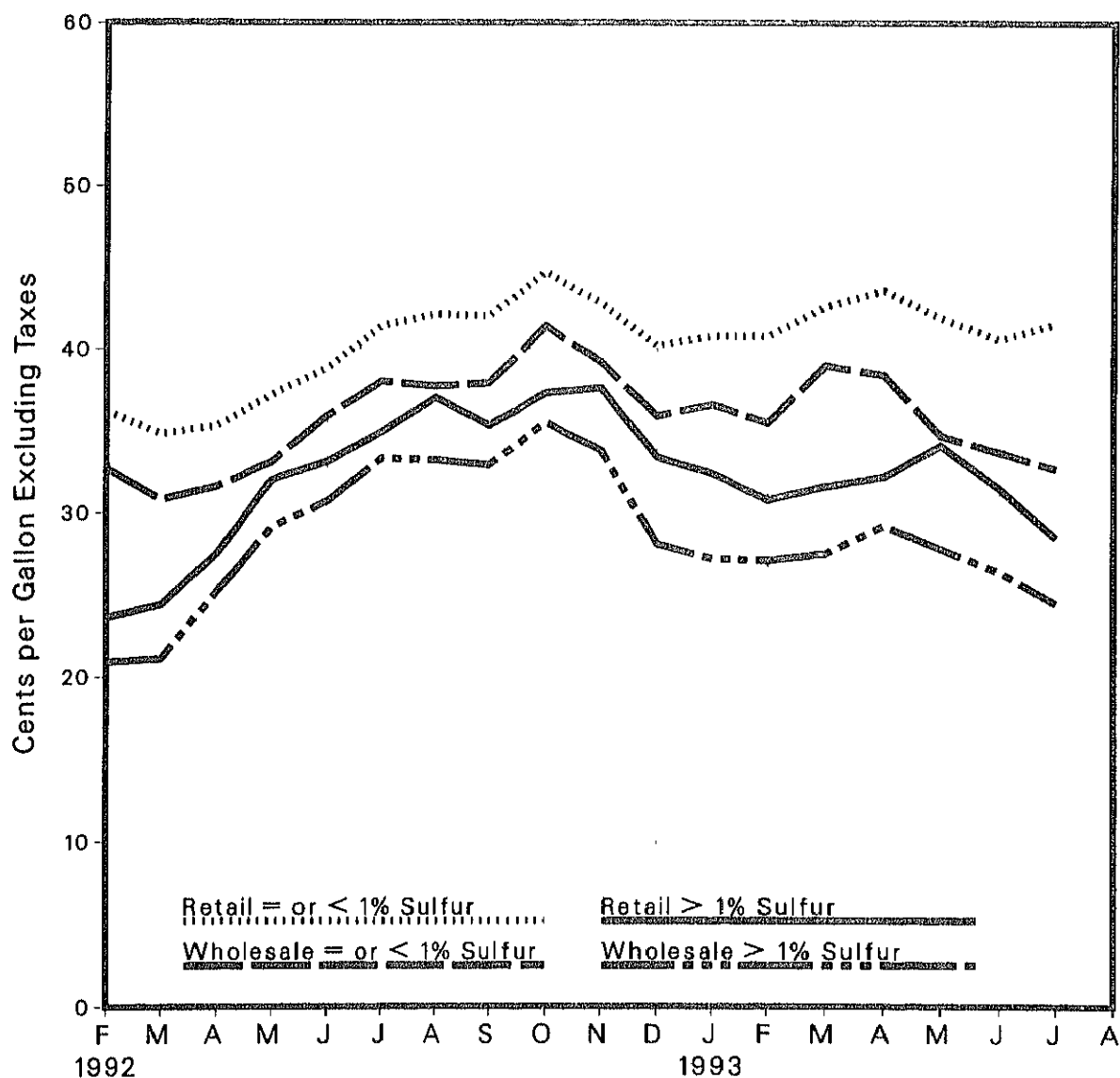
**Table 17. U.S. Refiner Residual Fuel Oil Prices**  
(Cents per Gallon Excluding Taxes)

Year Month	Residual Fuel Oil Sulfur Content Less Than or Equal to 1 Percent		Residual Fuel Oil Sulfur Content Greater Than 1 Percent		Average	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
1978 Average	31.4	29.3	27.5	24.5	29.8	28.3
1979 Average	46.8	45.0	38.9	36.6	43.6	39.9
1980 Average	67.5	60.8	52.3	47.9	60.7	52.8
1981 Average	82.9	74.8	67.3	62.2	75.6	68.3
1982 Average	74.7	69.5	61.1	57.2	67.6	61.2
1983 Average	69.5	64.3	61.1	59.1	65.1	60.9
1984 Average	72.0	68.5	65.9	63.9	68.7	65.4
1985 Average	64.4	61.0	58.2	56.0	61.0	57.7
1986 Average	37.2	32.8	31.7	28.9	34.3	30.5
1987 Average	44.7	41.2	39.6	36.2	42.3	38.5
1988 Average	37.2	33.3	30.0	27.1	33.4	30.0
1989 Average	43.6	40.7	34.4	33.1	38.5	36.0
1990 Average	50.5	47.2	40.0	37.2	44.4	41.3
1991						
January	59.8	52.1	49.7	49.2	53.4	50.2
February	44.4	36.5	37.1	32.0	39.8	33.4
March	38.3	36.0	28.2	24.2	32.3	28.2
April	37.8	33.6	27.0	25.8	30.2	28.7
May	36.6	36.6	27.6	27.7	31.0	30.3
June	35.3	32.1	26.9	28.6	29.5	29.7
July	36.4	32.6	28.2	27.4	31.2	28.8
August	36.8	33.4	27.7	25.9	31.1	27.9
September	36.8	33.7	27.3	25.4	30.6	27.9
October	38.5	34.1	29.7	27.6	32.3	29.5
November	40.8	36.6	31.0	27.9	35.1	30.7
December	40.0	34.8	28.8	26.1	33.1	28.9
1991 Average	40.2	38.4	30.8	29.2	34.0	31.4
1992						
January	35.7	30.3	24.7	21.1	28.8	24.4
February	36.2	32.7	23.6	20.9	27.7	25.6
March	34.8	30.8	24.4	21.1	27.7	24.6
April	35.3	31.6	27.5	25.2	29.6	27.4
May	37.2	33.1	32.0	29.1	33.4	30.2
June	38.8	35.9	33.1	30.7	34.5	32.5
July	41.4	38.0	34.9	33.3	36.7	34.7
August	42.1	37.7	37.0	33.2	38.8	34.7
September	42.0	37.9	35.3	32.9	37.5	34.8
October	44.7	41.4	37.3	35.5	39.2	37.4
November	42.8	39.2	37.6	33.8	39.4	35.9
December	40.2	35.9	33.4	28.1	36.2	30.6
1992 Average	38.9	35.4	31.3	28.4	33.8	30.7
1993						
January	40.8	36.6	32.4	27.2	35.3	31.2
February	40.8	35.5	30.8	27.1	34.4	31.1
March	42.6	39.0	31.6	27.5	35.6	32.9
April	43.6	38.4	32.2	29.2	36.3	33.6
May	41.9	34.7	34.1	27.8	36.8	31.0
June	40.6	33.7	31.5	26.4	34.7	30.0
July	41.6	32.7	28.5	24.5	33.0	27.4

Note. Values shown for the current month are preliminary. Values shown for previous month are revised. Data are final upon publication in the Petroleum Marketing Annual.

Sources. Energy Information Administration Form EIA-782A, "Refiners/Gas Plant Operators' Monthly Petroleum Product Sales Report," January 1983 forward. Energy Information Administration Form EIA-460, "Petroleum Industry Monthly Report for Product Prices," source for backcast estimates prior to January 1983.

Figure 11. U.S. Refiner Residual Fuel Oil Prices



Source: Energy Information Administration, Form EIA-782A "Refiners/Gas Plant Operators Monthly Petroleum Product Sales Report."

**Table 18. U.S. Refiner Residual Fuel Oil Volumes**  
(Million Gallons per Day)

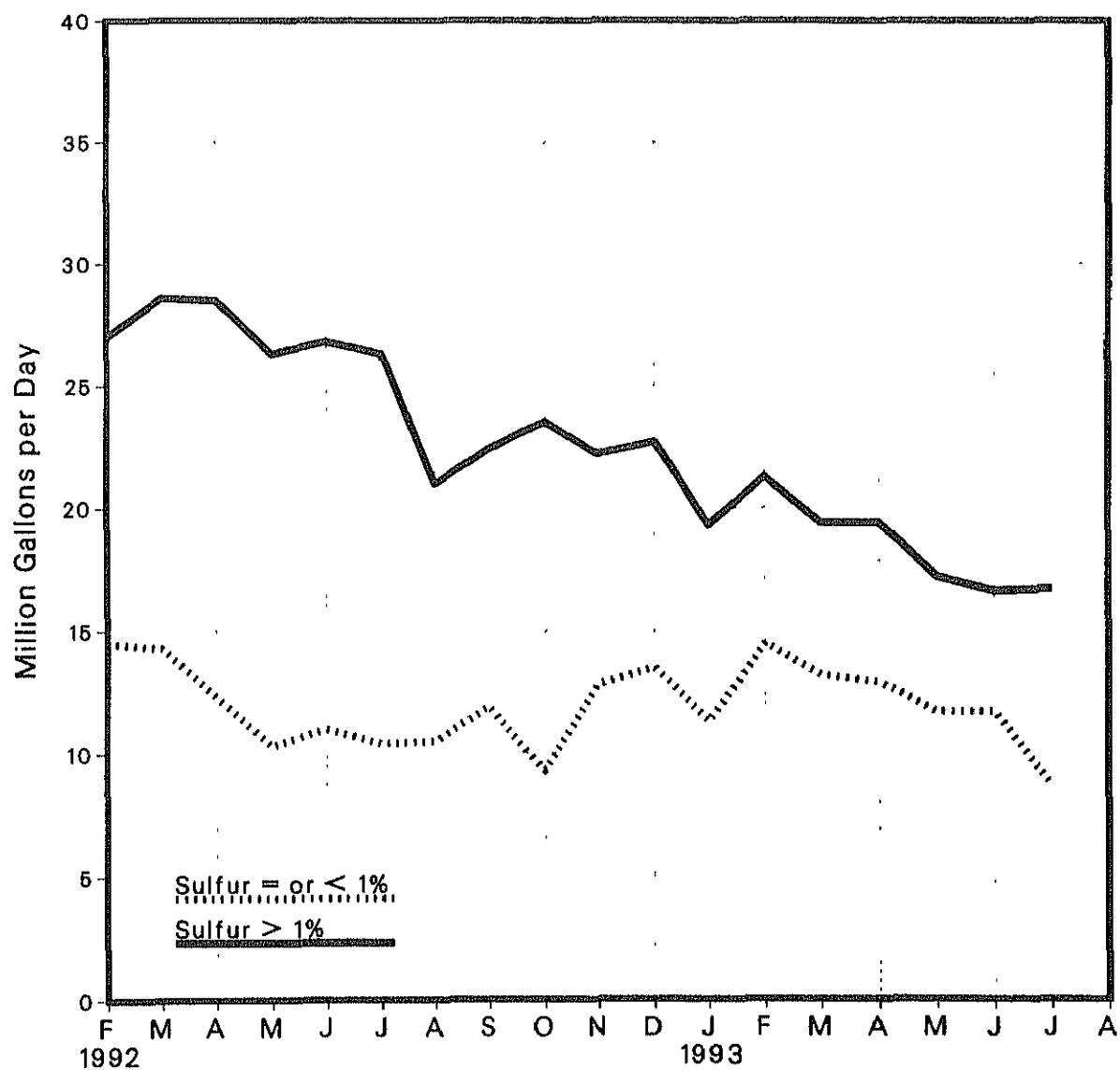
Year Month	Residual Fuel Oil Sulfur Content Less Than or Equal to 1 Percent		Residual Fuel Oil Sulfur Content Greater Than 1 Percent		Total	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
1993 Average ..	13.4	7.2	14.9	12.9	28.3	20.2
1994 Average ..	15.1	6.7	17.8	14.6	32.9	21.3
1995 Average ..	11.4	7.0	13.8	12.9	25.2	19.9
1996 Average ..	15.3	7.7	16.5	11.1	31.7	18.7
1997 Average ..	15.1	7.8	13.9	9.1	29.0	16.9
1998 Average ..	14.2	8.7	15.9	10.3	30.2	18.9
1999 Average ..	13.4	7.9	17.0	13.1	30.4	21.0
1990 Average ..	11.1	7.4	14.9	10.5	25.9	17.9
<b>1991</b>						
January ..	8.7	6.8	14.7	13.0	23.4	19.8
February ..	8.5	6.1	14.2	13.6	22.7	19.8
March ..	10.3	5.2	15.2	10.2	25.4	15.4
April ..	6.4	7.3	15.7	12.2	22.1	19.5
May ..	8.6	5.9	14.5	14.4	23.2	20.4
June ..	7.8	6.0	18.2	12.9	25.9	18.9
July ..	10.2	3.6	18.0	9.5	28.3	13.0
August ..	9.3	4.8	15.5	13.6	24.8	18.4
September ..	8.2	5.7	15.0	12.8	23.1	18.5
October ..	5.9	4.2	13.9	10.2	19.8	14.4
November ..	7.9	4.9	13.8	10.8	21.7	15.7
December ..	10.7	6.5	16.9	13.4	27.6	19.9
1991 Average ..	8.6	5.6	15.5	12.2	24.0	17.8
<b>1992</b>						
January ..	10.5	6.0	17.9	10.8	28.4	16.8
February ..	9.1	5.5	18.8	8.2	27.9	13.6
March ..	8.4	5.9	17.9	10.7	26.2	16.7
April ..	6.0	6.3	16.8	11.7	22.8	17.9
May ..	5.3	4.9	14.1	12.1	19.5	17.1
June ..	5.2	5.8	16.3	10.5	21.5	16.2
July ..	5.9	4.5	15.1	11.2	21.0	15.6
August ..	6.5	4.0	12.4	8.6	18.9	12.6
September ..	6.6	5.4	13.5	8.9	20.0	14.3
October ..	5.1	4.2	14.6	8.9	19.7	13.1
November ..	7.1	5.7	13.6	8.8	20.7	14.3
December ..	9.0	4.5	13.3	9.5	22.2	14.0
1992 Average ..	7.1	5.2	14.5	10.0	21.6	16.0
<b>1993</b>						
January ..	7.0	4.3	13.5	5.8	20.6	10.1
February ..	7.7	6.8	13.0	7.4	21.6	14.2
March ..	7.0	6.2	12.4	7.0	19.4	13.2
April ..	7.2	5.7	13.0	6.4	20.2	12.1
May ..	5.3	6.4	9.9	7.3	15.2	13.8
June ..	6.1	5.6	11.0	5.6	17.1	11.2
July ..	5.0	3.7	9.8	6.9	14.8	10.6

Note: Values shown for the current month are preliminary. Values shown for previous month are revised. Data are final upon publication in the Petroleum Marketing Annual. Totals and averages may not equal the sum of components due to rounding.

Source: Energy Information Administration Form EIA-782A, "Refiners/Gas Plant Operators' Monthly Petroleum Product Sales Report"



**Figure 12. U.S. Refiner Residual Fuel Oil Total Volumes**



Source: Energy Information Administration, Form EIA-782A "Refiners/Gas Plant Operators Monthly Petroleum Product Sales Report."



## Crude Oil Prices



**Table 19. Crude Oil Refiner Acquisition Costs**  
(Dollars per Barrel)

Year Month	Major Refiners			Other Refiners			Average		
	Domestic	Imported	Average	Domestic	Imported	Average	Domestic	Imported	Average
1978 Average	NA	NA	NA	NA	NA	NA	10.61	14.57	12.46
1979 Average	NA	NA	NA	NA	NA	NA	14.27	21.67	17.72
1980 Average	NA	NA	NA	NA	NA	NA	24.23	33.89	28.07
1981 Average	34.25	37.41	35.49	34.54	36.39	34.92	34.33	37.05	35.24
1982 Average	31.07	33.92	31.89	31.72	32.07	31.81	31.22	33.55	31.87
1983 Average	26.67	29.53	28.92	29.42	28.33	29.17	28.87	29.30	28.99
1984 Average	28.42	29.04	28.81	28.90	28.08	28.71	28.53	28.88	28.63
1985 Average	26.66	27.11	26.79	26.66	26.51	26.63	26.66	26.99	26.75
1986 Average	14.74	13.99	14.49	15.07	14.06	14.75	14.82	14.00	14.55
1987 Average	17.85	18.14	17.84	18.10	18.09	18.10	17.76	18.13	17.90
1988 Average	14.59	14.67	14.58	15.12	14.55	14.91	14.74	14.58	14.67
1989 Average	17.75	18.09	17.90	18.20	18.07	18.15	17.87	18.08	17.97
1990 Average	22.56	22.02	22.30	22.66	20.87	21.98	22.59	21.76	22.22
<b>1991</b>									
January	22.87	22.56	22.73	24.23	21.34	23.21	23.25	22.30	22.85
February	18.96	18.36	18.70	20.88	18.08	19.92	19.55	18.30	19.03
March	17.77	17.68	17.73	18.91	17.19	18.35	18.12	17.58	17.89
April	18.49	18.35	18.42	18.74	18.18	18.55	18.56	18.32	18.48
May	18.77	18.45	18.62	19.44	18.04	18.90	18.98	18.36	18.70
June	17.83	17.85	17.84	18.90	17.56	18.37	18.16	17.78	17.98
July	18.77	18.24	18.52	19.24	17.81	18.69	18.91	18.14	18.57
August	18.74	18.80	18.77	19.88	18.43	19.29	19.10	18.71	18.92
September	18.99	19.18	19.09	20.01	18.41	19.38	19.31	19.00	19.17
October	20.12	19.92	20.03	20.98	19.70	20.49	20.39	19.66	20.16
November	19.59	19.57	19.58	20.90	18.64	20.07	20.01	19.35	19.72
December	17.50	17.25	17.38	18.65	16.89	18.01	17.84	17.17	17.56
1991 Average	19.03	18.82	18.93	20.02	18.33	19.39	19.33	18.70	19.06
<b>1992</b>									
January	16.58	16.13	16.37	17.33	15.97	16.83	16.80	16.10	16.50
February	16.30	15.98	16.14	17.10	16.17	16.77	16.54	16.00	16.30
March	16.56	16.46	16.51	17.06	16.05	16.69	16.71	16.36	16.56
April	17.81	17.58	17.70	18.05	16.64	17.55	17.88	17.37	17.96
May	18.70	19.00	18.84	19.21	18.04	18.79	18.86	18.79	18.83
June	20.00	19.99	20.00	20.40	19.14	19.97	20.13	19.83	19.99
July	20.22	19.92	20.02	20.88	19.44	20.32	20.42	19.74	20.10
August	19.70	19.39	19.54	20.14	18.79	19.60	19.84	19.25	19.56
September	19.72	18.37	19.55	20.21	18.88	19.71	19.88	19.26	19.59
October	19.43	19.44	19.44	20.09	18.99	19.64	19.64	19.34	19.49
November	18.76	18.42	18.59	19.27	18.32	18.86	18.90	18.40	18.66
December	17.79	17.00	17.41	17.99	16.74	17.48	17.85	16.94	17.43
1992 Average	18.46	18.30	18.38	19.01	17.84	18.57	18.63	18.20	18.43
<b>1993</b>									
January	17.33	16.86	17.09	17.58	16.46	17.12	17.40	16.78	17.10
February	17.80	17.61	17.71	17.94	16.70	17.45	17.84	17.41	17.64
March	18.14	17.90	18.02	18.69	17.56	18.25	18.31	17.82	18.08
April	18.34	18.52	18.44	18.80	17.70	18.37	18.49	18.35	18.42
May	18.33	17.94	18.12	18.66	17.71	18.26	18.43	17.89	18.16
June	17.61	16.80	17.19	17.90	16.81	17.45	17.70	16.80	17.26
July	16.23	15.73	15.99	16.68	16.04	16.40	16.36	15.80	16.10

NA = Not available

Note. Values shown for current month are preliminary. Values shown for previous month are revised. Data are final upon publication in the Petroleum Marketing Annual.

Note: Geographic coverage is the 50 United States, the District of Columbia, Puerto Rico, Guam, and the Virgin Islands

Sources. January 1978 through June 1978: Form FEA-P110-M-1, "Refiners' Monthly Cost Allocation Report"; July 1978 through December 1980: Form ERA-49, "Domestic Crude Oil Entitlements Program Refiners' Monthly Report"; January 1981 to present: Form EIA-14, "Refiners' Monthly Cost Report"

**Table 20. Domestic Crude Oil First Purchase Prices**  
(Dollars per Barrel)

Year Month	U.S. Average		PAD District I				PAD District II						
	Total U.S.	Less Alaska North Slope	PAD I Average	New York	Pennsylvania	West Virginia	PAD II Average	Illinois	Indiana	Kansas	Kentucky	Michigan	Nebraska
1978 Average	9.00	9.56	12.25	W	14.72	14.48	11.91	13.81	13.70	13.20	13.73	11.86	11.40
1979 Average	12.84	13.01	14.30	W	24.13	23.35	18.33	23.49	23.28	21.57	22.55	14.47	18.13
1980 Average	21.59	22.65	22.66	W	37.46	36.82	30.12	35.78	35.91	34.20	34.98	23.54	30.80
1981 Average	31.77	33.71	35.22	W	38.03	35.63	35.63	38.03	38.07	35.80	35.90	35.74	35.32
1982 Average	28.52	30.43	31.77	30.91	30.77	28.98	31.65	31.69	31.66	30.79	31.19	31.80	30.98
1983 Average	26.19	28.00	28.32	28.19	28.28	27.27	29.17	29.12	29.06	28.45	28.60	28.93	28.58
1984 Average	25.88	27.59	27.76	27.70	27.71	26.90	28.62	28.76	28.72	27.99	28.24	28.54	27.83
1985 Average	24.09	25.74	25.88	25.19	25.05	24.35	25.94	26.90	26.82	26.33	26.20	26.16	25.42
1986 Average	12.51	14.13	14.76	16.03	15.77	14.68	14.30	14.70	14.55	14.02	14.20	14.61	13.70
1987 Average	15.40	16.83	16.52	17.40	17.43	16.56	17.42	17.53	17.49	17.37	17.19	17.63	17.08
1988 Average	12.58	13.97	14.21	W	15.26	14.35	14.85	14.79	14.78	14.55	14.58	14.92	14.08
1989 Average	15.86	17.13	17.16	W	18.15	17.18	18.04	18.36	18.37	18.18	18.36	18.06	17.38
1990 Average	20.03	21.57	22.06	23.32	23.00	22.16	22.68	23.36	23.46	23.21	23.20	22.92	21.94
<b>1991</b>													
January	19.60	21.44	22.40	23.67	22.46	W	22.63	23.37	23.85	22.99	22.95	22.77	21.77
February	16.28	17.62	18.78	20.00	19.60	W	18.90	19.29	19.29	19.27	18.89	19.03	17.98
March	15.13	16.72	16.92	17.53	17.00	W	18.07	18.59	18.51	18.62	18.24	18.15	17.28
April	16.16	17.65	18.00	18.79	18.42	W	19.05	19.65	19.65	19.54	19.62	19.34	18.30
May	16.44	18.00	18.58	19.59	18.98	W	19.36	20.00	19.99	19.71	19.62	19.65	18.48
June	15.58	17.06	17.51	18.36	18.29	W	18.27	18.98	18.99	18.56	18.58	18.65	17.52
July	16.36	18.01	18.41	19.20	19.11	W	19.56	20.22	20.23	19.70	19.84	19.90	18.83
August	16.60	18.16	19.02	19.23	19.72	W	19.77	20.43	20.44	19.91	20.09	20.10	18.99
September	16.71	18.35	19.29	20.06	19.92	W	19.99	20.62	20.68	20.09	20.25	20.29	19.25
October	17.72	19.54	20.62	21.10	21.43	W	21.33	21.98	21.92	21.45	21.65	21.67	20.83
November	17.12	18.96	20.10	20.44	20.52	W	20.48	21.04	21.05	20.53	20.66	20.86	19.72
December	14.88	16.34	17.54	17.68	17.76	W	17.63	18.18	18.17	17.73	17.87	17.98	16.82
1991 Average	16.54	18.16	19.01	19.67	19.48	W	19.58	20.19	20.20	19.84	19.84	19.88	18.78
<b>1992</b>													
January	13.99	15.55	16.51	16.88	17.10	16.22	16.95	17.65	17.62	16.94	17.17	17.28	16.18
February	14.04	15.61	16.73	W	17.32	16.27	17.06	17.66	17.74	16.99	17.32	17.48	16.19
March	14.12	15.55	16.54	W	17.13	16.09	16.99	17.62	17.68	16.91	17.30	17.36	16.08
April	15.36	16.93	17.95	W	18.16	17.43	18.31	18.93	19.02	18.16	18.52	18.60	17.19
May	16.38	17.79	18.85	W	19.24	18.28	19.08	19.75	19.77	18.95	19.39	19.40	17.92
June	17.96	19.44	20.53	W	20.67	19.87	20.48	21.07	21.11	20.28	20.78	20.79	19.22
July	17.80	18.98	19.49	W	19.86	18.77	19.81	20.43	20.54	19.60	19.97	20.20	18.56
August	17.07	18.31	19.33	19.03	19.35	18.66	19.39	20.01	19.93	19.25	19.23	19.76	18.18
September	17.20	18.64	19.93	20.09	19.86	19.17	19.95	20.56	20.47	19.83	19.85	20.38	18.79
October	17.16	18.52	19.85	20.51	20.09	19.88	19.72	20.32	20.20	19.61	19.56	20.13	18.63
November	16.00	17.22	18.74	19.60	20.09	19.22	18.46	18.98	18.91	18.28	18.40	18.79	17.26
December	14.94	16.26	17.68	18.94	18.73	18.10	17.56	18.09	18.22	17.41	17.40	17.81	16.31
1992 Average	15.99	17.38	18.52	19.05	19.01	18.09	18.63	19.26	19.27	18.50	18.75	18.99	17.51
<b>1993</b>													
January	14.64	15.90	17.16	W	18.20	17.44	17.15	17.81	17.77	17.11	17.21	17.52	15.93
February	15.47	16.71	17.87	17.78	18.21	17.45	18.09	18.75	18.81	18.05	18.08	18.57	16.88
March	15.88	17.04	18.70	18.62	18.97	18.02	18.30	18.92	18.93	18.16	18.22	18.75	16.95
April	16.08	17.08	19.19	18.71	19.25	18.20	18.20	18.86	18.83	18.06	18.12	18.70	16.91
May	15.97	16.89	18.68	18.72	18.85	17.86	17.78	18.47	18.38	17.50	17.84	18.34	16.28
June	15.00	15.96	18.11	17.85	17.98	17.57	16.74	17.47	17.42	16.35	16.83	17.29	15.40
July	13.77	14.62	16.97	W	17.07	16.41	15.52	16.25	16.25	15.10	15.78	16.02	14.10

See footnotes at end of table.

**Table 20. Domestic Crude Oil First Purchase Prices (Continued)**  
(Dollars per Barrel)

Year Month	PAD District II (Cont.)				PAD District III							
	North Dakota	Ohio	Oklahoma	South Dakota	PAD III Average	Alabama	Arkansas	Louisiana	Mississippi	New Mexico	Texas	Federal Offshore Gulf
1978 Average ...	9.75	13.80	11.30	12.16	9.37	10.52	10.63	9.03	7.91	10.17	9.29	9.66
1979 Average ....	13.64	22.79	17.63	15.35	12.33	11.97	14.72	11.42	10.74	14.33	12.65	11.23
1980 Average ....	26.42	36.64	29.25	28.81	21.24	20.57	24.17	19.67	20.85	24.06	21.84	18.67
1981 Average ....	35.63	36.11	35.43	35.55	35.00	35.80	33.69	35.45	30.47	35.04	35.06	35.07
1982 Average ..	31.69	30.90	32.04	31.63	31.92	32.32	30.12	32.44	29.04	31.82	31.77	32.61
1983 Average ....	29.27	28.14	29.67	29.10	29.45	30.07	28.20	30.02	26.76	29.26	29.35	29.77
1984 Average ....	26.39	27.71	29.11	28.36	29.03	29.39	28.15	29.67	27.26	28.69	28.87	29.38
1985 Average ....	25.32	25.11	26.28	25.79	26.91	25.77	25.79	27.22	25.51	26.84	26.80	27.33
1986 Average ...	13.54	15.51	14.47	13.81	14.89	13.91	14.54	16.32	13.63	14.93	14.73	15.27
1987 Average ..	16.76	17.42	17.82	16.96	17.57	16.80	17.23	17.97	16.78	17.57	17.55	17.54
1988 Average ...	13.85	15.19	14.66	14.04	14.75	13.88	14.41	15.22	13.98	14.78	14.71	14.71
1989 Average ....	17.12	18.06	18.23	17.33	17.66	17.27	17.34	18.39	17.00	17.86	17.81	17.83
1990 Average ....	21.94	23.09	22.95	22.32	22.42	22.09	21.56	23.04	21.06	22.44	22.37	22.40
<b>1991</b>												
January .....	22.08	23.56	22.43	22.12	22.39	22.13	21.16	23.21	20.82	22.58	22.20	22.60
February .....	18.12	20.05	18.85	18.24	18.51	18.05	17.06	19.37	16.97	18.78	18.29	18.79
March .....	17.36	17.04	18.01	17.50	17.67	17.58	16.95	18.70	15.90	17.78	17.43	17.95
April .....	18.14	18.37	18.98	18.53	18.66	18.43	17.39	19.55	16.99	18.63	18.45	18.93
May .....	18.50	18.97	19.36	18.99	19.00	18.67	17.71	19.86	17.50	19.08	18.78	19.32
June .....	17.56	18.31	18.20	18.13	17.97	17.80	16.77	18.73	16.41	18.12	17.76	18.27
July .....	18.72	19.14	19.65	19.16	19.14	19.03	17.91	19.98	17.75	19.32	18.97	19.26
August .....	18.96	19.69	19.83	19.37	19.30	19.28	18.18	20.15	17.83	18.36	19.15	19.39
September ..	19.08	19.94	20.12	19.76	19.56	19.45	18.42	20.63	17.99	19.69	19.41	19.56
October .....	20.38	21.44	21.44	20.87	20.92	20.81	19.94	22.03	19.36	20.98	20.76	20.93
November ....	19.74	20.64	20.56	20.28	20.21	20.21	19.16	21.23	18.51	20.33	20.03	20.26
December ....	16.64	17.74	17.73	17.35	17.37	17.23	16.52	18.34	15.63	17.54	17.17	17.50
1991 Average ..	18.80	19.59	19.59	19.21	19.23	19.05	18.06	20.14	17.65	19.35	19.04	19.41
<b>1992</b>												
January ...	16.26	17.12	17.01	16.36	16.64	16.43	15.69	17.58	14.93	16.77	16.51	16.64
February .....	16.43	17.25	17.16	16.70	16.76	16.55	15.92	17.60	15.10	16.86	16.71	16.82
March .....	16.32	17.05	17.11	16.48	16.68	16.68	15.75	17.49	15.08	16.92	16.61	16.57
April .....	17.72	18.14	18.48	17.93	18.08	17.94	17.00	18.86	16.46	18.31	18.06	17.87
May .....	18.39	19.25	19.24	18.71	18.86	18.72	17.77	19.69	17.26	19.13	18.76	18.79
June .....	19.86	20.67	20.65	20.12	20.29	20.15	19.15	21.09	18.54	20.53	20.21	20.23
July .....	19.21	19.71	20.00	19.45	19.71	19.56	18.48	20.50	17.88	19.93	19.61	19.71
August .....	18.85	19.41	19.53	19.16	19.14	18.78	18.02	19.72	17.35	19.25	19.07	19.27
September ..	19.40	19.93	20.08	19.47	19.66	19.19	18.65	20.00	17.97	19.77	19.59	19.88
October .....	19.21	20.33	19.77	19.23	19.47	19.26	18.39	19.70	17.83	19.61	19.44	19.59
November ....	17.92	20.03	18.53	17.84	18.10	18.26	17.13	18.35	16.53	18.32	18.07	18.16
December ..	16.93	18.79	17.65	17.11	17.23	17.41	16.19	17.57	15.58	17.39	17.19	17.27
1992 Average ...	18.02	18.96	18.74	18.19	18.37	18.22	17.33	19.00	16.70	18.55	18.32	18.35
<b>1993</b>												
January .....	16.56	18.22	17.16	16.78	16.88	17.16	15.78	17.16	15.30	17.09	16.64	16.95
February ...	17.39	18.32	18.20	17.74	17.83	17.78	16.75	18.07	16.28	18.07	17.81	17.85
March ..	17.68	18.89	18.39	17.82	18.05	17.88	16.96	18.25	16.47	18.33	18.05	18.06
April .....	17.56	19.09	18.27	17.60	17.96	17.77	16.67	18.18	16.35	18.13	17.96	17.99
May .....	16.95	18.82	17.97	17.02	17.61	17.38	16.50	17.74	15.85	17.81	17.59	17.73
June .....	15.82	17.98	17.00	15.72	16.68	16.63	15.46	16.78	14.98	16.97	16.70	16.67
July .....	14.59	17.03	15.78	14.43	15.40	15.10	14.21	15.51	13.84	15.54	15.52	15.55

See footnotes at end of table.

**Table 20. Domestic Crude Oil First Purchase Prices (Continued)**  
(Dollars per Barrel)

Year Month	PAD District IV					PAD District V				
	PAD IV Average	Colorado	Montana	Utah	Wyoming	PAD V Average	Alaska North Slope	Alaska Other	California	Federal Offshore California
1978 Average ....	9.50	10.04	9.04	9.98	9.16	6.60	5.21	5.45	6.58	6.10
1979 Average ....	11.90	13.29	12.03	11.41	11.73	11.17	10.57	6.22	12.78	8.08
1980 Average ....	21.29	22.91	20.53	19.79	21.34	19.09	16.87	10.25	23.67	16.20
1981 Average ....	33.39	35.69	34.69	34.14	32.30	24.79	23.23	30.15	26.60	24.56
1982 Average ....	30.14	31.56	31.25	30.50	29.37	21.84	19.92	27.74	24.58	23.37
1983 Average ....	27.81	28.92	28.80	28.12	27.19	19.66	17.69	23.59	22.61	20.54
1984 Average ....	27.18	28.09	28.07	27.21	26.73	19.52	17.91	24.37	22.09	20.41
1985 Average ....	24.70	25.64	25.29	23.98	24.67	19.11	16.98	22.46	22.14	20.06
1986 Average ....	13.24	13.98	13.58	13.33	12.94	9.53	6.45	13.13	11.90	9.46
1987 Average ....	16.77	17.71	16.57	17.22	16.45	11.89	10.83	15.46	13.92	11.82
1988 Average ....	13.95	14.83	13.84	14.24	13.47	9.29	8.43	12.92	10.97	9.41
1989 Average ....	17.37	18.86	17.03	18.83	16.73	12.71	12.00	16.17	14.06	12.64
1990 Average ....	21.68	23.16	21.61	22.61	21.04	16.15	15.23	21.16	17.81	16.21
<b>1991</b>										
January .....	21.35	23.15	21.37	22.75	20.58	15.24	14.11	19.18	17.48	15.08
February .....	17.73	19.28	17.45	19.22	17.02	12.72	12.28	15.68	13.62	11.63
March .....	16.92	18.58	16.70	18.44	16.15	11.10	10.44	14.58	12.34	10.95
April .....	17.64	19.46	17.59	19.33	16.70	12.11	11.48	15.27	13.30	11.32
May .....	18.02	19.77	18.05	19.88	17.06	12.32	11.53	15.66	13.72	12.10
June .....	17.08	18.78	17.06	19.03	16.11	11.82	10.99	14.84	13.32	11.59
July .....	18.16	20.01	18.28	19.97	17.21	11.98	11.29	14.65	13.34	10.92
August .....	18.31	20.17	18.21	20.18	17.41	12.28	11.64	15.03	13.52	10.94
September .....	18.60	20.27	18.44	20.27	17.80	12.31	11.71	15.25	13.52	10.80
October .....	19.83	21.63	19.78	21.69	18.94	12.81	12.32	16.02	13.85	11.15
November .....	18.96	20.61	18.97	20.96	18.00	12.35	11.46	15.93	14.14	11.18
December .....	16.04	18.01	16.12	18.14	15.03	10.46	9.45	12.95	12.48	9.59
1991 Average ....	18.21	19.95	18.17	19.99	17.33	12.30	11.57	15.36	13.72	11.33
<b>1992</b>										
January .....	15.47	17.33	15.43	17.41	14.57	9.87	9.29	11.56	11.18	8.52
February .....	15.67	17.46	15.51	17.63	14.78	9.89	9.40	12.52	11.03	8.09
March .....	15.58	17.46	15.44	17.63	14.66	10.19	9.84	13.20	10.97	8.27
April .....	16.95	18.80	16.76	19.22	15.99	11.16	10.82	14.75	11.91	9.07
May .....	17.69	19.49	17.49	19.74	16.77	12.58	12.03	16.21	13.70	10.90
June .....	18.14	20.67	18.78	21.38	18.23	14.35	13.40	18.53	16.19	13.63
July .....	18.53	20.19	18.26	20.74	17.86	14.67	14.06	18.47	16.52	13.44
August .....	18.10	19.71	17.84	20.19	17.28	13.90	13.23	17.16	15.19	12.82
September .....	18.61	20.31	18.36	20.84	17.73	13.48	12.90	16.61	14.70	12.03
October .....	18.39	20.11	18.19	20.62	17.51	13.65	13.03	17.12	14.93	11.87
November .....	17.06	18.82	16.86	19.22	16.21	12.81	12.29	16.25	13.89	11.01
December .....	16.18	17.83	16.18	18.32	15.28	11.42	10.93	14.68	12.52	9.62
1992 Average .	17.27	19.04	17.08	19.39	16.38	12.32	11.73	15.56	13.55	10.78
<b>1993</b>										
January .....	15.83	17.43	15.78	18.01	14.94	11.22	10.83	14.16	12.11	9.16
February .....	16.77	18.36	16.64	19.01	15.80	11.81	11.58	14.57	12.44	9.52
March .....	17.19	18.51	16.82	19.22	16.46	12.51	12.28	16.06	13.10	10.00
April .....	17.14	18.48	16.66	19.23	16.39	13.10	12.91	16.84	13.63	10.59
May .....	16.77	17.93	16.22	18.86	16.10	13.38	12.96	17.40	14.31	11.25
June .....	15.85	17.29	15.17	18.02	15.10	12.33	11.79	15.60	13.51	10.21
July .....	14.56	15.82	13.88	16.74	13.89	11.06	10.81	13.20	11.69	9.14

W = Withheld to avoid disclosure of individual company data.

Note: Values shown for current month are preliminary. Values shown for previous month are revised. Data are final upon publication in the Petroleum Marketing Annual.

Note: The actual domestic average price represents the average price at the lease (or wellhead) at which domestic crude oil is purchased. Sources: January 1978 through December 1982: Form EIA-182, "Domestic Crude Oil First Purchase Report", January 1993 to present Form EIA-182, "Domestic Crude Oil First Purchase Report."



**Table 21. FOB<sup>a</sup> Costs of Imported Crude Oil, by Selected Country**  
(Dollars per Barrel)

Year Month	Selected Countries									OPEC	
	Algeria	Indonesia	Iran	Mexico	Nigeria	Saudi Arabia	United Kingdom	Venezuela	Other Countries	Arab OPEC <sup>b</sup>	Total OPEC <sup>c</sup>
1976 Average	14.12	13.61	12.65	13.24	14.05	12.70	13.82	12.38	13.35	13.28	13.31
1979 Average	20.53	19.03	22.93	20.27	21.69	17.28	21.70	16.90	21.10	19.27	19.88
1980 Average	36.67	32.17	NA	31.06	35.93	28.17	34.36	24.81	34.34	31.57	32.21
1981 Average	39.08	35.62	-	33.01	38.31	32.60	36.08	28.95	36.69	34.79	35.17
1982 Average	34.20	35.11	30.97	28.08	35.13	33.73	33.42	23.74	31.90	33.84	33.48
1983 Average	30.09	29.92	29.39	25.20	29.61	27.53	29.91	21.48	27.98	28.20	28.48
1984 Average	28.34	29.13	27.42	28.39	29.51	27.67	28.87	24.23	27.79	27.70	27.79
1985 Average	26.89	27.12	W	25.33	26.04	22.04	27.64	23.54	26.12	24.34	25.67
1986 Average	13.62	13.19	W	11.84	14.35	11.36	13.84	10.92	13.32	11.59	12.21
1987 Average	16.79	17.40	W	16.36	16.47	15.12	18.28	15.08	17.11	16.60	16.43
1988 Average	W	13.81	-	12.18	15.16	12.16	14.80	12.06	13.45	12.57	13.43
1989 Average	W	17.01	-	15.96	16.31	16.29	17.89	16.09	17.12	16.72	17.06
1990 Average	W	21.29	-	19.26	22.46	20.36	23.43	19.55	19.68	18.84	20.40
<b>1991</b>											
January . . .	W	W	-	19.39	24.68	12.69	W	17.04	21.24	16.04	19.45
February . . .	W	20.82	-	13.82	20.48	14.08	W	14.50	17.12	14.56	16.73
March . . . .	W	W	-	13.59	19.44	W	24.50	14.90	16.18	15.24	16.48
April . . . . .	W	16.85	-	15.34	19.12	15.14	W	15.39	16.90	15.72	16.89
May . . . . .	W	W	W	15.24	19.35	15.15	W	14.88	16.95	15.71	16.71
June . . . . .	W	16.77	-	14.88	18.38	14.54	W	13.62	16.33	15.29	16.04
July . . . . .	W	W	W	15.24	19.44	W	19.45	14.85	17.41	15.86	16.86
August . . . .	W	W	W	15.34	20.20	16.35	W	14.64	17.02	16.81	17.23
September . .	W	W	W	15.40	21.10	15.85	20.24	15.53	18.79	16.76	17.57
October . . . .	W	18.50	W	16.91	22.55	14.61	W	16.44	19.42	15.76	18.12
November . . .	W	W	-	16.30	21.63	13.33	21.67	14.77	18.97	15.02	17.03
December . . .	W	W	-	13.47	18.99	12.72	W	12.62	16.57	14.32	15.03
1991 Average	W	18.69	16.58	15.37	20.29	14.62	20.81	14.91	17.79	15.59	16.99
<b>1992</b>											
January . . . .	W	W	-	12.45	18.58	W	-	12.32	15.44	14.07	14.50
February . . . .	W	W	-	12.40	18.28	14.61	W	12.53	16.04	15.35	15.04
March . . . . .	-	W	-	12.68	18.10	14.87	W	12.45	16.01	15.20	15.28
April . . . . .	W	16.23	-	14.11	19.59	W	W	14.38	17.10	17.26	17.26
May . . . . .	W	W	-	16.05	20.47	17.61	W	15.03	18.35	18.13	17.83
June . . . . .	W	W	-	17.09	21.42	W	20.14	15.33	19.20	17.95	18.44
July . . . . .	W	W	-	16.88	20.83	17.80	W	15.10	18.74	18.20	18.09
August . . . . .	W	W	-	16.36	20.33	W	20.00	15.38	18.43	17.99	17.69
September . . .	-	W	-	16.88	20.84	16.89	20.20	16.21	18.65	17.11	18.01
October . . . . .	-	W	-	16.80	20.76	W	W	15.40	18.70	16.89	17.42
November . . . .	-	W	-	15.78	20.00	14.62	19.82	13.82	17.57	15.12	15.97
December . . . .	W	W	-	14.79	18.42	15.62	W	13.38	16.13	15.91	15.60
1992 Average	W	17.06	-	15.26	19.98	15.65	19.61	14.39	17.65	16.50	16.87
<b>1993</b>											
January . . . .	-	W	-	14.14	17.95	15.55	18.29	12.99	15.17	15.60	15.62
February . . . .	-	W	-	14.64	19.06	16.17	18.13	13.68	16.51	16.39	16.49
March . . . . .	W	W	-	15.17	19.33	16.45	18.51	14.22	16.85	16.93	16.92
April . . . . .	-	W	-	15.04	19.19	16.03	18.38	14.52	16.90	16.24	16.59
May . . . . .	-	19.14	-	15.15	18.92	14.54	18.29	13.69	16.73	15.03	16.32
June . . . . .	-	W	-	14.06	18.01	W	17.15	12.47	15.89	14.29	14.95
July . . . . .	W	W	-	13.13	17.46	W	15.95	11.88	14.74	13.95	14.14

<sup>a</sup> FOB = Free on Board. See Glossary.

<sup>b</sup> Includes Algeria, Libya, Saudi Arabia, United Arab Emirates, Iraq, Kuwait, and Qatar.

<sup>c</sup> Includes Algeria, Gabon, Indonesia, Iran, Iraq, Kuwait, Libya, Nigeria, Qatar, Saudi Arabia, United Arab Emirates and Venezuela. Prior to January

1, 1993, data included Ecuador, which was then a member of OPEC.

Dashes (-) = No data reported.

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Note: Values for the current 2 months are preliminary. Values shown for previous months are revised. Data are final upon publication in the Petroleum Marketing Annual.

Note: Prices through 1980 reflect the month of reporting; prices since then reflect the month of acquisition, which can be the month of loading, the month of landing, or sometime between those events. Prices for crude oil can be determined at a time other than the acquisition date. See the Explanatory Notes section for additional detail.

Sources: January 1978 through December 1978: Form FEA-F701-M-0, "Transfer Pricing Report"; January 1979 through September 1982: Form ERA-51, "Transfer Pricing Report"; October 1982 through June 1984: Form EP-51, "Monthly Foreign Crude Oil Transaction Report"; July 1984 to present: Form EIA-858, "Monthly Foreign Crude Oil Acquisition Report."

**Table 22. Landed Costs of Imported Crude Oil, by Selected Country**  
(Dollars per Barrel)

Year Month	Selected Countries										OPEC	
	Algeria	Canada	Indonesia	Iran	Mexico	Nigeria	Saudi Arabia	United Kingdom	Venezuela	Other Countries	Arab OPEC <sup>a</sup>	Total OPEC <sup>b</sup>
<b>1978 Average</b>	14.93	14.41	14.85	13.89	13.58	14.88	13.94	14.53	12.84	14.58	14.38	14.34
<b>1979 Average</b>	21.89	20.22	20.83	24.21	20.77	22.97	18.95	22.97	17.85	22.88	20.70	21.29
<b>1980 Average</b>	37.92	30.11	33.92	NA	31.77	37.15	28.80	35.88	25.92	36.15	32.97	33.56
<b>1981 Average</b>	40.48	32.32	37.31	-	33.70	39.68	34.20	37.29	29.91	38.54	36.22	36.80
<b>1982 Average</b>	35.35	27.15	38.70	32.48	28.63	36.18	34.09	34.25	24.93	34.03	35.15	34.81
<b>1983 Average</b>	31.28	25.63	31.67	29.81	26.78	30.85	29.27	30.87	22.94	29.68	29.87	29.84
<b>1984 Average</b>	29.08	26.56	30.87	28.70	26.85	30.36	29.20	29.45	25.19	29.21	29.10	29.06
<b>1985 Average</b>	27.51	25.71	28.67	25.79	25.63	28.96	24.72	28.36	24.43	27.33	25.90	26.86
<b>1986 Average</b>	14.82	13.43	14.63	12.38	12.17	15.29	12.84	14.83	11.52	14.25	13.14	13.46
<b>1987 Average</b>	17.87	17.04	18.49	18.28	16.89	19.32	16.81	18.78	15.76	18.30	17.32	17.64
<b>1988 Average</b>	W	13.50	15.15	W	12.58	15.88	13.37	15.82	13.86	14.45	13.80	14.18
<b>1989 Average</b>	19.13	16.81	18.35	-	18.35	19.19	17.34	16.74	16.78	18.08	17.41	17.70
<b>1990 Average</b>	W	20.48	22.50	-	19.64	23.33	21.82	22.65	20.31	20.52	20.64	21.23
<b>1991</b>												
January ...	W	20.81	W	-	19.98	26.00	18.53	W	18.35	24.08	18.94	20.16
February ...	W	17.05	22.61	-	14.23	21.68	16.18	W	15.78	19.42	18.29	17.43
March ...	W	15.20	20.03	-	14.15	20.60	17.08	25.77	16.18	18.59	17.23	17.88
April ...	W	18.28	18.85	-	15.85	20.31	17.54	20.58	16.35	18.77	17.65	18.17
May ...	W	16.28	W	W	15.81	20.50	17.34	20.21	15.74	19.53	17.49	17.98
June ...	W	16.19	18.25	-	15.20	19.79	16.85	19.35	14.81	18.98	17.01	17.32
July ...	W	17.14	17.76	17.56	15.89	20.73	17.48	20.47	15.92	18.82	17.61	17.96
August ...	W	17.61	W	W	15.78	21.29	18.04	20.71	15.64	19.30	18.17	18.40
September ...	W	17.84	W	W	15.82	22.13	18.19	21.16	16.44	20.35	18.42	18.70
October ...	W	18.38	19.85	W	17.34	23.68	17.62	22.07	17.26	20.91	17.97	19.03
November ...	W	17.53	21.05	-	16.53	22.71	18.48	22.71	15.66	21.04	16.90	17.95
December ...	W	15.87	W	-	13.96	19.96	15.03	20.29	13.46	18.67	15.49	15.94
<b>1991 Average</b>	W	17.16	20.20	17.54	15.89	21.39	17.22	21.37	15.92	19.73	17.45	18.08
<b>1992</b>												
January ...	W	14.83	W	-	13.02	19.34	14.81	W	13.20	17.46	15.18	15.38
February ...	W	15.57	W	-	12.78	19.10	15.81	W	13.47	17.64	15.85	15.87
March ...	-	15.69	W	-	13.06	19.05	16.05	18.83	13.41	17.44	16.14	16.29
April ...	W	16.42	17.76	-	14.40	20.32	18.01	19.97	15.06	18.10	18.11	18.07
May ...	W	17.35	17.68	-	16.39	21.25	18.62	19.99	15.73	19.58	18.80	18.85
June ...	W	18.40	19.60	-	17.41	22.11	19.49	20.85	16.01	20.93	19.60	19.57
July ...	W	18.50	21.08	-	17.20	21.49	19.00	21.45	15.78	20.49	19.15	19.06
August ...	W	18.28	21.28	-	16.74	21.05	18.45	21.37	16.10	20.10	18.79	18.70
September ...	-	18.35	W	-	17.34	21.57	18.45	20.72	16.89	20.12	18.51	18.83
October ...	W	18.35	W	-	17.26	21.60	17.98	21.17	16.14	20.09	18.08	18.58
November ...	-	17.28	W	-	18.18	20.79	17.02	21.00	14.51	19.25	17.05	17.28
December ...	W	15.85	W	-	15.12	19.32	16.64	19.46	14.07	17.80	16.69	16.62
<b>1992 Average</b>	W	17.04	18.76	-	15.60	20.78	17.48	20.83	15.13	19.25	17.63	17.81
<b>1993</b>												
January ...	-	15.27	W	-	14.50	18.96	16.36	19.12	14.07	17.21	16.39	16.64
February ...	-	15.84	W	-	14.98	19.92	17.29	19.28	14.60	18.17	17.29	17.43
March ...	W	16.48	W	-	15.50	20.25	17.56	19.43	15.14	18.43	17.63	17.83
April ...	W	16.79	19.89	-	15.55	20.18	17.56	19.32	15.54	18.48	17.55	17.77
May ...	W	16.82	20.57	-	15.57	19.79	16.64	19.33	14.91	18.41	16.79	17.30
June ...	-	18.25	W	-	14.50	18.93	15.88	18.67	13.52	17.44	15.98	16.10
July ...	W	15.29	W	-	13.48	16.30	14.91	17.65	12.85	16.30	14.93	15.23

<sup>a</sup> Includes Algeria, Libya, Saudi Arabia, United Arab Emirates, Iraq, Kuwait, and Qatar.

<sup>b</sup> Includes Algeria, Gabon, Indonesia, Iran, Iraq, Kuwait, Libya, Nigeria, Qatar, Saudi Arabia, United Arab Emirates and Venezuela. Prior to January 1, 1993, data included Ecuador, which was then a member of OPEC.

Dashes (-) = No data reported.

NA = Not available.

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Note: Values for the current 2 months are preliminary. Values shown for previous months are revised. Data are final upon publication in the Petroleum Marketing Annual.

Note: Prices through 1980 reflect the month of reporting; prices since then reflect the month of acquisition, which can be the month of loading, the month of landing, or sometime between those events. Prices for crude oil can be determined at a time other than the acquisition date. See the Explanatory Notes section for additional detail.

Sources: January 1978 through December 1978: Form FEA-F701-M-0, "Transfer Pricing Report"; January 1979 through September 1982: Form EIA-51, "Transfer Pricing Report"; October 1982 through June 1984: Form EP-51, "Monthly Foreign Crude Oil Transaction Report"; July 1984 to present: Form EIA-856, "Monthly Foreign Crude Oil Acquisition Report."

**Table 23. FOB<sup>a</sup> Costs of Imported Crude Oil by API Gravity**  
(Dollars per Barrel)

Year Month	20.0° or Less	20.1° to 25.0°	25.1° to 30.0°	30.1° to 35.0°	35.1° to 40.0°	40.1° to 45.0°	45.1° or Greater
<b>1978 Average</b> .....	11.99	11.74	12.51	13.08	13.82	14.00	14.01
<b>1979 Average</b> .....	14.43	10.54	19.01	19.54	21.24	21.65	19.77
<b>1980 Average</b> .....	23.09	20.76	30.72	30.31	34.33	35.39	36.13
<b>1981 Average</b> .....	26.70	31.20	33.81	34.30	36.85	38.42	38.59
<b>1982 Average</b> .....	23.00	25.02	31.40	33.58	34.29	34.82	34.48
<b>1983 Average</b> .....	21.77	24.27	27.38	29.04	29.74	30.10	30.12
<b>1984 Average</b> .....	24.10	25.31	27.22	28.55	29.19	29.40	28.02
<b>1985 Average</b> .....	23.45	24.27	24.86	26.46	27.43	27.70	26.90
<b>1986 Average</b> .....	10.51	10.98	12.25	12.83	13.83	14.19	13.76
<b>1987 Average</b> .....	15.21	15.37	15.78	17.24	17.99	18.03	17.37
<b>1988 Average</b> .....	11.92	11.65	12.40	13.82	14.30	14.89	15.25
<b>1989 Average</b> .....	14.00	14.09	16.95	17.50	18.09	18.23	18.05
<b>1990 Average</b> .....	15.98	18.00	20.54	20.77	22.19	22.78	22.28
<b>1991</b>							
January .....	15.27	16.98	19.00	20.56	24.34	23.03	24.84
February .....	11.50	12.40	16.07	16.57	20.55	19.08	19.88
March .....	11.94	11.99	16.01	16.21	19.09	18.89	18.94
April .....	11.82	13.13	16.57	17.15	18.95	19.27	19.55
May .....	10.94	13.43	16.08	16.90	19.33	19.61	19.43
June .....	10.72	12.88	15.70	16.87	18.42	18.09	18.44
July .....	12.17	13.72	16.50	17.62	19.68	19.23	W
August .....	11.53	14.08	16.72	18.02	20.19	19.26	W
September .....	11.66	14.44	17.07	18.54	20.61	W	W
October .....	12.78	15.28	17.07	18.87	22.07	22.39	W
November .....	11.47	14.03	15.62	18.78	21.27	21.10	W
December .....	10.64	11.64	13.50	16.79	18.63	18.32	W
<b>1991 Average</b> .....	11.91	13.72	16.33	17.67	20.15	19.69	20.85
<b>1992</b>							
January .....	9.20	11.12	14.14	16.15	17.83	18.11	W
February .....	9.35	11.10	14.02	16.26	18.05	17.82	W
March .....	9.51	11.70	15.02	16.69	17.79	17.85	W
April .....	10.21	13.26	16.74	18.34	19.04	19.22	19.43
May .....	11.30	14.73	17.91	19.12	19.85	20.32	20.23
June .....	13.09	15.69	18.59	19.71	20.97	21.76	W
July .....	12.13	15.49	18.34	19.32	20.42	20.83	20.93
August .....	12.95	15.28	17.94	18.58	20.00	20.02	21.46
September .....	13.53	15.55	18.05	18.56	20.46	20.61	W
October .....	13.46	15.46	17.75	18.74	20.46	20.30	W
November .....	12.51	13.74	15.84	17.41	19.28	19.82	20.41
December .....	12.58	12.87	15.24	16.76	18.28	18.46	18.99
<b>1992 Average</b> .....	11.83	13.98	16.74	18.02	19.50	19.58	20.05
<b>1993</b>							
January .....	11.69	12.53	15.42	16.22	17.71	17.57	W
February .....	12.19	13.21	16.72	17.01	18.88	18.67	18.63
March .....	12.81	13.71	17.11	17.45	18.77	19.71	20.50
April .....	12.60	13.90	16.78	17.38	18.92	18.92	W
May .....	12.23	13.65	16.60	16.92	18.44	18.93	19.50
June .....	11.13	12.46	15.97	16.19	17.54	W	W
July .....	10.54	11.77	14.74	15.42	16.65	W	17.29

<sup>a</sup> FOB = Free on Board. See Glossary.

W = Withheld to avoid disclosure of individual company data.

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Note: Prices through 1980 reflect the month of reporting; prices since then reflect the month of acquisition, which can be the month of loading, the month of landing, or sometime between those events. Prices for crude oil can be determined at a time other than the acquisition date. See the Explanatory Notes section for additional detail.

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**Table 24. Landed Costs of Imported Crude Oil by API Gravity**  
(Dollars per Barrel)

Year Month	20.0° or Less	20.1° to 25.0°	25.1° to 30.0°	30.1° to 35.0°	35.1° to 40.0°	40.1° to 45.0°	45.1° or Greater
<b>1978 Average</b>	12.75	13.11	13.76	14.10	14.69	14.87	15.16
<b>1979 Average</b>	15.57	20.05	20.89	21.01	22.61	23.08	21.23
<b>1980 Average</b>	24.54	29.65	31.83	31.73	35.81	36.85	37.57
<b>1981 Average</b>	27.94	32.00	34.88	35.71	38.38	39.78	39.97
<b>1982 Average</b>	24.17	28.46	32.62	34.78	35.43	35.78	35.81
<b>1983 Average</b>	23.17	24.85	28.82	30.25	30.98	31.28	31.27
<b>1984 Average</b>	25.08	25.97	28.38	29.58	30.16	30.16	29.05
<b>1985 Average</b>	24.33	24.85	28.17	27.10	28.29	28.39	27.73
<b>1986 Average</b>	11.30	11.49	13.28	13.59	14.99	14.80	15.37
<b>1987 Average</b>	16.14	15.87	17.21	18.16	18.72	18.89	18.57
<b>1988 Average</b>	12.75	12.11	13.54	14.35	15.21	15.74	16.24
<b>1989 Average</b>	14.90	15.42	17.59	17.87	18.74	19.05	19.13
<b>1990 Average</b>	16.82	18.54	21.59	21.18	22.47	23.47	23.41
<b>1991</b>							
January	16.53	17.71	20.62	20.72	24.77	24.34	26.63
February	12.87	12.98	16.23	17.76	20.92	21.07	22.26
March	13.31	12.69	16.94	17.69	19.95	20.24	20.63
April	12.67	13.76	17.58	18.24	20.00	20.37	21.04
May	12.28	14.08	16.78	18.30	20.22	20.82	21.36
June	11.80	13.77	16.60	18.01	19.59	19.65	20.69
July	13.42	14.38	17.15	18.51	20.39	20.57	21.60
August	12.71	14.84	17.69	18.99	20.89	20.55	21.77
September	13.10	15.20	17.91	19.25	21.44	W	22.32
October	13.63	15.87	17.85	19.71	22.33	23.27	24.07
November	12.54	14.73	16.31	19.18	21.94	21.96	23.21
December	11.62	12.29	14.25	17.38	19.31	19.28	19.95
<b>1991 Average</b>	<b>13.08</b>	<b>14.41</b>	<b>17.17</b>	<b>18.65</b>	<b>20.88</b>	<b>20.88</b>	<b>22.15</b>
<b>1992</b>							
January	10.13	11.75	14.82	16.34	18.19	18.94	20.61
February	10.41	11.89	14.72	16.66	18.38	18.55	20.03
March	10.63	12.54	15.64	17.03	18.41	18.98	19.56
April	11.27	13.81	17.40	18.45	19.26	20.28	20.31
May	12.39	15.31	18.21	19.26	20.33	20.90	21.17
June	13.94	16.31	19.33	20.28	21.46	22.43	22.19
July	13.46	16.18	19.00	19.81	21.19	21.87	21.93
August	13.95	15.92	18.49	19.37	20.82	21.33	21.71
September	14.43	16.13	18.66	19.40	21.12	21.34	22.66
October	14.63	16.11	18.65	19.31	21.10	21.10	21.94
November	13.45	14.32	16.86	18.03	20.16	20.41	20.56
December	13.48	13.47	16.06	17.50	18.74	19.41	19.57
<b>1992 Average</b>	<b>12.89</b>	<b>14.58</b>	<b>17.39</b>	<b>18.50</b>	<b>20.11</b>	<b>20.55</b>	<b>20.95</b>
<b>1993</b>							
January	13.07	13.09	16.19	17.13	18.49	18.50	19.00
February	13.25	13.79	17.04	17.93	19.22	19.49	19.64
March	13.94	14.48	17.55	18.17	19.50	20.41	21.29
April	13.86	14.72	17.54	18.22	19.54	20.22	20.29
May	13.44	14.56	17.33	17.63	19.30	20.12	20.64
June	12.33	13.22	16.64	16.91	18.52	18.94	19.43
July	11.71	12.59	15.54	16.05	17.56	18.73	18.04

W = Withheld to avoid disclosure of individual company data.

Note: Values for the current 2 months are preliminary. Values shown for previous months are revised. Data are final upon publication in the Petroleum Marketing Annual.

Note: Prices through 1980 reflect the month of reporting; prices since then reflect the month of acquisition, which can be the month of loading, the month of landing, or sometime between those events. Prices for crude oil can be determined at a time other than the acquisition date. See the Explanatory Notes section for additional detail.

Sources: January 1978 through December 1978: Form FEA-F701-M-0, "Transfer Pricing Report"; January 1979 through September 1982: Form ERA-51, "Transfer Pricing Report"; October 1982 through June 1984: Form EP-51, "Monthly Foreign Crude Oil Transaction Report"; July 1984 to present: Form EIA-856, "Monthly Foreign Crude Oil Acquisition Report."

**Table 25. Percentages of Total Imported Crude Oil by API Gravity**  
(Percent by Interval)

Year Month	20.0° or Less	20.1° to 25.0°	25.1° to 30.0°	30.1° to 35.0°	35.1° to 40.0°	40.1° to 45.0°	45.1° or Greater
<b>1970 Average</b> ...	1.28	3.57	7.93	38.79	31.88	13.40	3.31
<b>1970 Average</b> .....	1.65	3.98	8.45	38.98	30.84	13.30	2.98
<b>1980 Average</b> .....	1.70	6.18	9.25	38.43	27.02	13.56	3.85
<b>1981 Average</b> ...	2.19	8.88	9.48	37.37	26.80	12.53	2.98
<b>1982 Average</b> ....	3.39	14.90	11.72	35.58	23.76	8.44	2.20
<b>1983 Average</b> .....	3.91	20.40	15.14	24.95	23.83	7.74	4.23
<b>1984 Average</b> ..	6.48	20.52	11.59	21.05	25.75	8.12	6.40
<b>1985 Average</b> .....	7.62	20.46	11.19	27.14	24.93	4.02	4.65
<b>1986 Average</b> .....	5.54	19.36	14.12	27.49	25.74	3.65	4.11
<b>1987 Average</b> .....	4.04	19.88	16.88	26.91	24.79	3.87	3.85
<b>1988 Average</b> .....	3.52	18.27	15.99	30.72	24.45	4.04	3.02
<b>1989 Average</b> ....	2.55	14.39	16.80	36.27	23.79	3.55	2.64
<b>1990 Average</b> ....	3.64	14.99	18.13	34.44	23.21	2.94	2.67
<b>1991</b>							
January . . . . .	3.84	17.38	20.93	37.72	18.23	1.89	2.08
February . . . . .	3.89	15.39	21.08	36.29	20.70	1.70	.89
March . . . . .	4.00	16.30	20.03	33.13	23.43	.84	2.46
April . . . . .	3.27	13.94	19.39	37.96	22.34	.78	2.32
May . . . . .	2.90	14.93	17.47	35.29	26.35	1.18	1.87
June . . . . .	4.19	15.90	21.57	34.93	18.37	3.76	1.27
July . . . . .	4.56	14.80	21.74	34.93	20.99	2.04	.94
August . . . . .	4.44	16.09	21.76	34.40	20.32	1.99	.99
September . . . . .	3.08	17.65	20.76	33.33	22.85	W	1.73
October . . . . .	4.19	18.06	22.35	30.60	22.02	1.59	1.18
November . . . . .	3.21	15.64	21.30	36.55	17.15	4.33	1.82
December . . . . .	3.45	16.38	21.21	32.98	19.99	4.92	1.08
<b>1991 Average</b> ...	3.76	16.02	20.79	34.84	20.94	2.11	1.55
<b>1992</b>							
January . . . . .	3.58	18.58	26.18	32.19	15.42	2.69	1.36
February . . . . .	3.04	18.66	20.73	35.10	18.44	2.38	1.88
March . . . . .	4.64	17.43	24.55	27.87	20.14	4.50	.87
April . . . . .	2.90	18.47	21.30	39.55	19.48	3.27	1.02
May . . . . .	4.24	17.87	19.27	32.27	20.83	4.46	1.07
June . . . . .	4.91	17.09	22.36	20.15	23.37	3.14	.98
July . . . . .	4.25	17.81	21.24	29.43	22.85	3.03	1.39
August . . . . .	4.09	18.15	21.38	30.46	21.68	3.24	1.02
September . . . . .	3.81	17.54	25.29	27.81	22.36	2.43	.76
October . . . . .	4.83	17.46	23.20	33.36	18.60	2.18	.37
November . . . . .	3.85	15.65	20.05	32.64	24.33	2.49	1.00
December . . . . .	4.12	17.08	23.71	34.71	17.13	2.03	1.22
<b>1992 Average</b> .	4.05	17.64	22.41	31.38	20.49	3.00	1.04
<b>1993</b>							
January . . . . .	4.61	18.53	22.47	27.95	24.49	1.50	.46
February . . . . .	4.20	18.14	19.51	35.41	17.94	3.57	1.23
March . . . . .	4.98	18.66	20.35	28.69	23.43	2.50	1.48
April . . . . .	3.89	19.25	19.05	34.08	20.21	2.46	1.06
May . . . . .	4.07	17.82	20.13	30.66	22.47	3.42	1.44
June . . . . .	5.20	19.01	19.27	30.82	22.88	1.61	1.21
July . . . . .	4.26	21.49	23.29	27.91	20.40	1.53	1.11

W = Withheld to avoid disclosure of individual company data

Note: Values for the current 2 months are preliminary. Values shown for previous months are revised. Data are final upon publication in the Petroleum Marketing Annual.

Note: Prices through 1980 reflect the month of reporting; prices since then reflect the month of acquisition, which can be the month of loading, the month of landing, or sometime between those events. Prices for crude oil can be determined at a time other than the acquisition date. See the Explanatory Notes section for additional detail.

Sources: January 1970 through December 1978: Form FEA-F701-M 0, "Transfer Pricing Report"; January 1979 through September 1982: Form ERA-51, "Transfer Pricing Report"; October 1982 through June 1984: Form EP-51, "Monthly Foreign Crude Oil Transaction Report"; July 1984 to present: Form EIA-856, "Monthly Foreign Crude Oil Acquisition Report."

**Table 26. FOB<sup>a</sup> Costs of Imported Crude Oil for Selected Crude Streams**  
(Dollars per Barrel)

Year Quarter Month	Algerian Condensate	Angolan Cabinda	Canadian Lloydminster	Cameroon Kofe Marine	Ecuadorian Oriente	Mexican Isthmus	Mexican Mayan
1978 Average	W	13.32	-	W	12.07	13.24	-
1979 Average	W	20.35	-	W	27.59	20.29	21.50
1980 Average	35.81	33.24	W	35.92	34.51	32.78	28.73
1981 Average	38.38	35.55	W	37.51	32.66	36.23	30.82
1982 Average	32.58	31.66	W	33.73	32.36	32.50	25.29
1983 Average	29.88	28.14	24.64	29.03	28.22	29.41	23.99
1984 Average	27.77	27.58	24.70	28.56	28.16	29.00	26.35
1985 Average	28.57	28.30	23.79	26.88	26.12	27.25	24.23
1986 Average	13.25	13.39	12.77	13.64	13.32	13.88	10.93
1987 Average	16.66	17.31	15.12	W	16.53	17.94	15.72
1988 Average	W	14.52	11.28	14.28	12.96	14.23	11.26
1989 Average	W	17.15	W	17.48	16.26	W	14.71
1990 Average	W	W	18.50	W	W	23.39	17.29
1991 Average	W	W	13.51	W	16.04	18.55	13.02
1992							
January	W	-	W	-	W	15.58	9.93
February	W	-	W	-	14.69	15.88	10.04
March	-	W	W	W	-	15.91	10.60
1st Quarter Average	W	W	W	W	14.43	15.80	10.21
April	W	W	W	-	-	17.66	12.28
May	W	W	W	-	W	19.23	14.20
June	W	19.63	W	-	W	20.19	15.22
2nd Quarter Average	W	18.74	W	-	W	19.01	13.89
July	W	19.41	W	W	W	19.48	15.35
August	W	W	W	-	W	19.03	14.98
September	-	19.18	W	-	W	19.64	15.18
3rd Quarter Average	W	19.01	W	W	18.28	19.32	15.17
October	-	19.01	W	-	W	19.35	15.35
November	-	18.13	W	-	W	18.22	14.08
December	W	17.47	W	-	W	17.29	12.62
4th Quarter Average	W	18.10	W	-	W	18.18	14.06
1992 Average	W	19.46	W	W	17.60	17.92	13.42
1993							
January	-	16.83	W	-	W	16.27	12.31
February	-	W	W	-	W	17.64	12.95
March	W	W	W	-	W	17.82	13.32
1st Quarter Average	W	17.03	W	-	W	17.18	12.87
April	-	W	W	-	W	17.85	13.60
May	-	17.70	W	W	W	17.88	13.19
June	-	16.70	13.39	W	W	16.97	11.93
2nd Quarter Average	-	17.17	W	W	W	17.56	12.90
July	W	15.70	W	-	W	15.47	11.47

See footnotes at end of table.

**Table 26. FOB<sup>a</sup> Costs of Imported Crude Oil for Selected Crude Streams (Continued)**  
(Dollars per Barrel)

Year Quarter Month	Nigerian Brass River	Nigerian Bonny Light	Norwegian Ekofisk	Saudi Arabian Light	Saudi Arabian Heavy	United Kingdom Brent	Venezuelan Boscan
1978 Average . . . . .	14.17	14.11	13.91	12.74	12.07	-	W
1979 Average . . . . .	21.09	25.08	21.36	17.33	15.83	21.92	W
1980 Average . . . . .	35.57	37.71	35.88	27.70	26.14	33.13	18.58
1981 Average . . . . .	38.64	38.19	37.72	32.62	31.42	36.22	W
1982 Average . . . . .	35.18	35.58	34.04	34.08	31.10	33.55	19.00
1983 Average . . . . .	30.31	30.07	29.73	29.22	28.30	30.30	19.31
1984 Average . . . . .	29.82	29.67	29.17	29.11	28.52	29.25	22.24
1985 Average . . . . .	28.23	W	W	23.70	W	27.88	21.94
1986 Average . . . . .	14.07	14.02	16.23	11.79	11.00	14.07	9.44
1987 Average . . . . .	18.32	18.45	18.25	14.46	14.85	18.37	15.75
1988 Average . . . . .	15.39	15.33	14.58	12.98	11.68	14.40	12.20
1989 Average . . . . .	18.42	18.58	17.80	18.28	W	18.38	12.27
1990 Average . . . . .	23.47	22.67	W	21.72	19.13	29.33	12.16
1991 Average . . . . .	21.10	20.46	20.39	18.83	13.25	22.17	8.49
<b>1992</b>							
January . . . . .	-	18.49	W	W	W	-	W
February . . . . .	W	W	-	16.38	W	-	W
March . . . . .	W	18.33	W	W	W	W	W
1st Quarter Average . . . . .	W	18.42	W	16.20	W	W	5.42
April . . . . .	W	19.75	W	W	W	W	W
May . . . . .	W	20.65	W	W	16.46	W	8.15
June . . . . .	W	21.55	-	W	W	W	W
2nd Quarter Average . . . . .	W	20.51	W	W	16.36	W	8.38
July . . . . .	W	20.95	W	W	16.67	W	8.70
August . . . . .	W	20.43	W	W	W	W	W
September . . . . .	W	20.87	-	W	W	W	8.79
3rd Quarter Average . . . . .	W	20.78	W	W	16.16	W	8.81
October . . . . .	W	20.82	W	W	W	W	W
November . . . . .	W	20.06	W	W	W	19.92	W
December . . . . .	W	18.53	W	W	14.38	W	-
4th Quarter Average . . . . .	W	20.06	W	W	13.06	19.55	9.37
1992 Average . . . . .	20.26	20.10	19.62	17.34	14.76	19.74	8.25
<b>1993</b>							
January . . . . .	17.65	17.92	-	16.16	14.28	W	W
February . . . . .	W	19.14	W	W	W	18.13	W
March . . . . .	W	19.42	W	W	W	18.51	-
1st Quarter Average . . . . .	19.14	18.64	19.22	16.55	14.73	18.40	W
April . . . . .	19.34	19.27	-	W	W	W	-
May . . . . .	W	18.88	W	W	13.32	W	W
June . . . . .	W	18.09	-	-	W	W	8.96
2nd Quarter Average . . . . .	19.15	18.89	W	15.90	13.42	10.41	9.51
July . . . . .	-	17.81	-	-	W	W	W

\* FOB = Free on Board. See Glossary.

Dashes (-) = No data reported.

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**Table 27. Landed Costs of Imported Crude Oil for Selected Crude Streams**  
(Dollars per Barrel)

Year Quarter Month	Algerian Condensate	Angolan Cabinda	Canadian Lloydminster	Cameroon Kole Marine	Ecuadorian Oriente	Mexican Isthmus	Mexican Mayan
1978 Average	W	14.07	-	W	13.85	13.54	-
1979 Average	W	21.51	-	25.40	29.17	20.78	22.23
1980 Average	37.73	34.88	W	37.89	34.81	33.42	29.49
1981 Average	40.03	36.84	W	38.95	33.58	36.07	31.52
1982 Average	33.71	33.08	W	34.95	32.97	33.11	25.88
1983 Average	30.79	29.31	25.27	30.28	28.90	30.00	24.56
1984 Average	28.59	28.63	25.35	29.51	28.79	29.46	25.64
1985 Average	27.21	27.48	24.38	27.94	26.97	27.60	24.57
1986 Average	14.54	14.27	13.52	13.71	14.39	14.28	11.24
1987 Average	17.72	18.43	15.88	18.63	17.60	18.32	16.03
1988 Average	W	14.98	12.21	15.21	13.77	14.69	11.65
1989 Average	W	18.15	15.38	18.71	17.89	W	15.14
1990 Average	W	20.01	19.55	19.76	21.63	23.79	17.75
1991 Average	W	18.31	14.63	W	17.52	19.16	13.82
1992							
January	W	W	W	-	W	16.13	10.39
February	W	W	W	-	15.53	16.35	10.49
March	-	W	W	W	W	16.50	11.11
1st Quarter Average	W	17.91	W	W	15.50	16.33	10.68
April	W	W	W	-	W	18.09	12.63
May	W	19.07	W	-	18.26	19.46	14.61
June	W	20.21	W	-	20.27	20.61	15.01
2nd Quarter Average	W	19.25	W	-	19.12	19.38	14.28
July	W	20.38	W	W	W	19.89	15.70
August	W	19.70	W	-	19.19	19.49	15.35
September	-	20.03	W	-	19.11	20.13	15.55
3rd Quarter Average	W	20.04	W	W	19.24	19.77	15.63
October	-	20.10	W	-	W	19.85	15.77
November	-	19.75	W	-	18.36	18.62	14.49
December	W	18.43	W	-	W	17.81	13.00
4th Quarter Average	W	19.40	W	-	18.48	18.66	14.46
1992 Average	W	19.59	W	W	18.52	18.40	13.80
1993							
January	-	17.74	W	-	16.72	16.83	12.71
February	-	17.74	W	-	17.70	18.14	13.35
March	W	18.80	W	-	W	18.30	13.73
1st Quarter Average	W	18.05	W	-	17.23	17.69	13.28
April	-	18.71	W	-	W	18.48	14.07
May	-	18.80	W	W	18.27	18.53	13.69
June	-	17.77	14.54	W	16.45	17.55	12.47
2nd Quarter Average	-	18.40	W	W	17.50	18.18	13.40
July	W	17.19	13.40	-	16.21	16.06	11.00

See footnotes at end of table



**Table 27. Landed Costs of Imported Crude Oil for Selected Crude Streams (Continued)**  
(Dollars per Barrel)

Year Quarter Month	Nigerian Braas River	Nigerian Bonny Light	Norwegian Ekofisk	Saudi Arabian Light	Saudi Arabian Heavy	United Kingdom Brent	Venezuelan Boscan
1978 Average .....	14.97	15.04	14.88	14.04	13.32	-	W
1979 Average .....	23.19	27.11	22.64	19.18	17.68	23.28	W
1980 Average .....	37.02	38.58	38.91	29.57	28.16	34.67	20.34
1981 Average .....	40.01	39.25	38.70	34.32	33.02	37.68	W
1982 Average .....	36.26	38.45	34.70	35.85	32.64	34.53	20.32
1983 Average .....	31.44	31.06	30.79	30.95	28.12	31.26	20.69
1984 Average .....	30.71	30.46	29.99	30.61	28.10	29.69	23.20
1985 Average .....	29.14	28.98	28.16	25.35	23.69	28.49	22.85
1986 Average .....	14.89	15.00	15.07	13.06	12.17	14.64	10.42
1987 Average .....	19.39	19.26	18.96	17.88	16.20	18.71	16.85
1988 Average .....	16.06	16.02	15.45	14.04	12.80	15.84	13.23
1989 Average .....	19.34	19.38	18.87	17.96	16.56	18.63	13.16
1990 Average .....	24.29	23.21	21.53	22.49	21.46	24.40	13.43
1991 Average .....	22.27	21.57	21.66	18.49	15.28	21.65	10.17
<b>1992</b>							
January .....	-	19.29	W	16.18	13.66	W	W
February .....	W	19.19	-	16.76	14.16	W	W
March .....	19.35	19.22	W	17.50	15.14	18.93	W
1st Quarter Average .....	19.63	19.23	W	16.81	14.36	18.62	6.71
April .....	20.67	20.43	W	19.44	17.17	18.84	W
May .....	W	21.43	21.49	19.76	17.31	19.94	9.64
June .....	W	22.22	W	20.38	18.11	20.71	W
2nd Quarter Average .....	21.76	21.30	21.09	19.91	17.54	20.04	9.98
July .....	W	21.58	21.88	19.74	17.65	21.45	9.97
August .....	W	21.10	W	19.22	17.25	21.44	W
September .....	W	21.54	W	19.30	17.26	20.72	9.78
3rd Quarter Average .....	21.59	21.42	21.73	19.42	17.39	21.21	9.77
October .....	22.15	21.54	21.36	18.44	16.59	21.19	W
November .....	W	20.74	W	17.75	15.67	21.07	W
December .....	W	19.35	W	17.78	15.22	19.52	-
4th Quarter Average .....	21.45	20.82	20.71	17.98	15.76	20.78	11.11
1992 Average .....	21.25	20.85	20.96	18.54	16.10	20.68	9.65
<b>1993</b>							
January .....	19.09	18.80	-	17.52	15.07	19.05	W
February .....	19.98	20.07	W	18.27	15.77	19.28	W
March .....	20.61	20.18	20.02	18.42	16.34	19.43	-
1st Quarter Average .....	19.91	19.52	19.95	18.11	15.69	19.31	W
April .....	20.73	20.26	-	17.93	16.12	19.60	-
May .....	W	19.65	W	17.42	15.27	19.46	W
June .....	W	18.91	W	17.10	14.49	18.98	11.20
2nd Quarter Average .....	20.31	19.82	19.31	17.56	15.28	19.35	11.54
July .....	W	18.44	-	16.24	13.72	17.99	W

Dashes (-) = No data reported.

W = Withheld to avoid disclosure of individual company data.

Note. Values for the current 2 months are preliminary. Values shown for previous months are revised. Data are final upon publication in the Petroleum Marketing Annual.

Note: Prices through 1980 reflect the month of reporting; prices since then reflect the month of acquisition, which can be the month of loading, the month of landing, or sometime between those events. Prices for crude oil can be determined at a time other than the acquisition date. See the Explanatory Notes section for additional detail.

Sources: January 1978 through December 1978: Form FEA-F701-M-0, "Transfer Pricing Report"; January 1979 through September 1982: Form ERA-51, "Transfer Pricing Report"; October 1982 through June 1984: Form EP-51, "Monthly Foreign Crude Oil Transaction Report"; July 1984 to present: Form EIA-856, "Monthly Foreign Crude Oil Acquisition Report."



# **Sales Prices of Petroleum Products**



**Table 28. Refiner/Reseller Motor Gasoline Prices by Grade,  
PAD District, and State**  
(Cents per Gallon Excluding Taxes)

Geographic Area Month	Leaded Regular		Unleaded Regular		Unleaded Midgrade		Premium		Motor Gasoline Average	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
<b>U.S. Average</b>										
July 1993 .....	79.5	68.0	73.0	59.9	80.8	66.6	89.2	72.6	76.9	63.1
June 1993 .....	80.3	70.4	75.0	63.3	82.7	70.0	91.0	76.0	78.8	66.4
July 1992 .....	87.5	78.2	79.4	68.1	86.5	74.2	95.0	80.7	83.1	71.2
<b>PAD District I Average</b>										
July 1993 .....	74.4	NA	71.3	59.3	81.2	66.3	89.7	73.4	76.9	63.7
June 1993 .....	75.3	72.2	72.6	62.4	82.3	69.7	90.6	76.4	78.0	66.7
July 1992 .....	82.7	77.3	77.8	67.3	87.1	73.9	95.6	80.8	83.1	71.5
<b>Subdistrict IA Average</b>										
July 1993 .....	W	W	74.4	60.0	82.8	66.5	91.9	74.1	79.6	63.9
June 1993 .....	W	W	75.7	63.8	84.2	70.3	93.0	76.6	80.7	67.4
July 1992 .....	86.1	W	82.9	69.5	91.6	76.4	99.8	83.5	87.9	73.4
<b>Connecticut</b>										
July 1993 .....	-	-	73.5	58.9	82.8	65.2	94.2	75.4	79.9	63.3
June 1993 .....	-	-	75.2	64.9	84.2	70.5	95.7	77.9	81.3	68.8
July 1992 .....	-	-	82.2	70.2	90.9	76.7	101.1	83.6	88.2	74.7
<b>Maine</b>										
July 1993 .....	-	-	79.6	59.5	86.6	64.0	94.3	71.0	83.3	62.0
June 1993 .....	-	-	80.0	62.4	88.0	67.3	95.7	73.7	83.7	64.8
July 1992 .....	-	-	84.6	69.2	95.0	74.1	100.1	79.9	88.7	71.8
<b>Massachusetts</b>										
July 1993 .....	-	-	72.2	59.9	81.7	68.2	90.8	73.9	78.0	63.8
June 1993 .....	-	-	73.7	63.4	83.4	71.0	91.9	76.0	79.3	67.1
July 1992 .....	W	-	81.9	68.3	90.9	77.0	99.0	84.1	87.1	72.3
<b>New Hampshire</b>										
July 1993 .....	-	-	76.0	62.7	85.4	69.1	94.4	76.8	80.9	66.3
June 1993 .....	-	-	78.0	66.3	87.0	71.8	94.9	79.5	82.4	69.8
July 1992 .....	-	-	83.8	72.5	93.4	76.8	102.4	84.9	88.7	75.6
<b>Rhode Island</b>										
July 1993 .....	W	-	71.1	59.0	78.0	64.3	84.8	71.0	75.9	62.9
June 1993 .....	NA	-	71.8	61.8	78.8	67.4	85.6	74.4	76.6	65.4
July 1992 .....	-	-	82.2	69.4	88.7	74.2	96.4	81.8	86.9	73.3
<b>Vermont</b>										
July 1993 .....	W	W	79.2	67.4	85.9	72.4	94.4	79.9	83.1	70.7
June 1993 .....	W	W	80.1	70.0	87.1	75.8	94.9	83.5	83.7	73.5
July 1992 .....	W	W	86.0	76.3	92.5	80.7	99.7	88.0	89.5	79.5
<b>Subdistrict IB Average</b>										
July 1993 .....	74.4	73.8	70.9	59.8	79.8	67.4	87.9	74.3	76.1	64.6
June 1993 .....	76.4	73.3	71.7	62.3	80.2	70.4	88.4	77.0	78.6	67.0
July 1992 .....	81.7	83.0	78.6	67.6	87.7	75.4	95.7	81.9	83.7	72.5
<b>Delaware</b>										
July 1993 .....	-	-	67.9	58.6	75.3	63.8	85.0	72.5	72.9	62.2
June 1993 .....	-	-	69.3	61.7	76.7	66.7	87.1	75.1	74.0	65.2
July 1992 .....	-	-	77.1	67.3	86.5	72.1	95.9	78.1	82.9	70.6
<b>District of Columbia</b>										
July 1993 .....	-	-	61.8	67.2	68.3	72.6	71.7	81.2	65.9	74.9
June 1993 .....	-	-	65.1	69.1	71.9	75.0	76.3	83.1	68.9	76.8
July 1992 .....	-	-	68.3	73.9	75.4	79.9	82.2	87.9	73.0	81.5
<b>Maryland</b>										
July 1993 .....	-	-	68.5	61.6	79.2	67.9	84.9	74.7	74.1	66.3
June 1993 .....	W	-	70.1	64.7	80.4	70.7	86.2	77.1	75.3	69.1
July 1992 .....	-	-	75.9	70.7	87.4	76.1	94.0	83.6	81.8	75.2
<b>New Jersey</b>										
July 1993 .....	W	NA	72.0	58.2	85.9	66.5	94.2	73.6	80.6	63.5
June 1993 .....	W	NA	73.3	60.4	86.2	70.5	94.2	76.5	81.2	65.2
July 1992 .....	W	NA	80.1	65.8	91.1	77.4	98.3	80.7	87.6	71.1
<b>New York</b>										
July 1993 .....	77.6	74.7	72.3	61.2	80.1	69.6	87.9	76.4	76.8	66.4
June 1993 .....	80.5	73.5	72.9	63.9	80.7	72.1	88.4	79.2	77.2	69.1
July 1992 .....	81.9	83.6	78.6	69.0	87.0	76.6	94.4	84.3	82.8	74.4
<b>Pennsylvania</b>										
July 1993 .....	71.4	68.5	69.7	59.2	78.5	66.0	85.7	72.0	74.5	63.0
June 1993 .....	72.5	72.5	70.4	62.1	78.5	69.0	86.2	74.5	74.9	65.7
July 1992 .....	81.4	80.6	76.6	67.3	87.4	72.9	95.8	80.0	83.4	70.9

See footnotes at end of table.

**Table 28. Refiner/Reseller Motor Gasoline Prices by Grade,  
PAD District, and State (Continued)**  
(Cents per Gallon Excluding Taxes)

Geographic Area Month	Loaded Regular		Unleaded Regular		Unleaded Midgrade		Premium		Motor Gasoline Average	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
<b>Subdistrict IC Average</b>										
July 1993 .....	76.6	-	70.9	58.5	81.5	65.5	90.3	72.2	78.9	62.8
June 1993 .....	73.1	-	72.4	62.1	83.0	69.0	91.9	75.6	78.3	66.3
July 1992 .....	84.3	W	76.5	66.1	86.1	72.2	94.8	78.8	81.9	70.0
<b>Florida</b>										
July 1993 .....	-	-	72.7	60.2	84.2	69.4	92.9	77.6	79.2	66.4
June 1993 .....	-	-	74.6	63.6	85.8	72.5	94.4	80.7	80.9	69.7
July 1992 .....	W	-	78.1	66.9	88.0	73.7	96.0	81.5	83.9	71.9
<b>Georgia</b>										
July 1993 .....	W	-	69.5	57.3	79.6	63.4	88.5	69.7	75.4	61.0
June 1993 .....	74.8	-	70.9	61.0	80.7	67.0	89.7	73.3	76.6	64.6
July 1992 .....	W	-	75.3	66.0	84.8	71.8	94.3	78.0	80.8	69.5
<b>North Carolina</b>										
July 1993 .....	W	-	68.8	57.8	78.6	63.5	87.7	68.6	74.1	60.8
June 1993 .....	W	-	70.5	61.4	80.2	67.2	89.4	72.1	75.6	64.5
July 1992 .....	W	-	74.7	65.1	83.8	70.6	92.2	76.3	79.7	68.2
<b>South Carolina</b>										
July 1993 .....	-	-	68.5	56.6	79.6	61.6	88.7	67.2	74.4	59.4
June 1993 .....	-	-	69.6	60.1	80.5	65.3	89.9	71.0	75.3	62.9
July 1992 .....	-	-	75.0	65.8	85.1	69.9	94.6	75.7	79.8	68.2
<b>Virginia</b>										
July 1993 .....	-	-	71.4	59.4	81.7	66.1	90.2	72.0	77.4	63.7
June 1993 .....	-	-	72.7	62.8	83.7	69.4	92.1	75.3	78.8	66.9
July 1992 .....	W	W	77.1	66.4	86.4	73.0	95.7	78.8	82.7	70.6
<b>West Virginia</b>										
July 1993 .....	W	-	76.0	62.3	85.9	68.7	91.9	74.8	80.4	65.8
June 1993 .....	W	-	77.1	66.5	86.9	73.1	92.7	79.2	81.2	70.0
July 1992 .....	W	W	80.9	69.6	90.6	76.0	97.1	82.1	85.3	73.0
<b>PAD District II Average</b>										
July 1993 .....	79.2	62.9	71.5	58.0	79.0	65.2	85.4	68.5	74.4	60.2
June 1993 .....	81.8	67.6	74.7	62.6	82.1	69.7	88.5	72.0	77.4	64.6
July 1992 .....	85.6	70.6	77.2	65.0	83.9	72.0	90.4	75.9	79.8	67.8
<b>Illinois</b>										
July 1993 .....	80.4	61.8	71.5	57.8	78.4	66.9	85.2	70.3	74.4	60.8
June 1993 .....	84.0	68.2	73.7	62.4	81.3	71.3	88.9	74.7	76.9	65.3
July 1992 .....	81.9	72.8	77.2	65.6	84.6	73.6	91.7	77.2	80.4	68.5
<b>Indiana</b>										
July 1993 .....	80.7	60.6	70.2	57.8	77.5	65.0	83.8	68.5	73.7	60.5
June 1993 .....	83.4	64.8	74.8	62.5	81.3	70.3	88.4	73.7	78.0	65.1
July 1992 .....	85.0	66.9	75.4	64.5	82.3	70.5	87.3	75.6	78.2	66.7
<b>Iowa</b>										
July 1993 .....	73.3	65.7	69.5	57.7	78.6	65.9	79.0	64.8	70.6	58.5
June 1993 .....	78.4	72.6	73.8	62.6	78.9	68.9	81.8	71.1	74.6	63.4
July 1992 .....	83.6	69.2	80.7	68.1	85.5	71.7	90.5	75.0	81.6	67.0
<b>Kansas</b>										
July 1993 .....	NA	65.4	71.9	58.6	78.7	66.1	83.9	65.9	73.6	57.7
June 1993 .....	100.6	76.8	74.6	60.7	82.0	71.0	86.9	70.1	76.3	61.8
July 1992 .....	82.8	69.0	77.6	64.3	83.2	72.1	86.5	73.0	79.2	65.4
<b>Kentucky</b>										
July 1993 .....	82.2	W	72.5	59.1	81.2	65.1	88.1	70.5	76.9	62.2
June 1993 .....	82.3	W	74.9	63.0	83.4	69.4	91.1	74.6	79.2	66.0
July 1992 .....	89.1	78.1	77.6	66.9	85.0	72.2	92.2	78.4	81.3	69.7
<b>Michigan</b>										
July 1993 .....	82.2	62.3	70.5	57.9	77.8	64.2	84.4	68.5	73.5	60.2
June 1993 .....	85.3	67.5	74.5	63.8	82.9	70.1	88.6	74.1	77.5	65.8
July 1992 .....	87.2	70.9	74.9	65.8	82.1	70.5	89.7	75.5	77.8	67.7
<b>Minnesota</b>										
July 1993 .....	79.6	63.7	76.8	61.0	82.6	67.5	88.9	70.1	78.9	62.3
June 1993 .....	82.2	67.6	79.2	65.1	84.2	70.8	91.4	74.1	81.2	66.3
July 1992 .....	87.1	71.2	83.4	68.6	90.5	76.7	93.1	77.6	85.1	69.8
<b>Missouri</b>										
July 1993 .....	76.0	60.6	68.7	57.9	76.6	66.6	83.1	67.3	71.6	60.0
June 1993 .....	79.5	65.5	72.0	62.1	80.0	69.9	86.2	71.4	74.8	64.1
July 1992 .....	78.7	75.7	74.3	66.1	83.1	72.7	89.2	74.9	77.4	67.8

See footnotes at end of table.

**Table 28. Refiner/Reseller Motor Gasoline Prices by Grade,  
PAD District, and State (Continued)**  
(Cents per Gallon Excluding Taxes)

Geographic Area Month	Leaded Regular		Unleaded Regular		Unleaded Midgrade		Premium		Motor Gasoline Average	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
<b>Nebraska</b>										
July 1993 .....	75.3	59.2	74.1	57.9	80.5	65.9	82.3	67.5	75.5	59.8
June 1993 .....	77.7	63.9	77.3	62.9	84.4	70.9	86.2	72.0	78.7	63.8
July 1992 .....	80.7	70.9	78.0	67.1	83.5	75.0	88.2	75.2	79.5	68.0
<b>North Dakota</b>										
July 1993 .....	86.5	65.0	81.5	61.0	89.3	73.1	91.1	71.8	82.6	62.0
June 1993 .....	88.1	66.2	85.4	65.6	91.1	77.9	91.6	69.8	86.1	66.3
July 1992 .....	90.9	73.4	87.0	70.5	91.3	79.4	98.1	81.1	87.9	71.3
<b>Ohio</b>										
July 1993 .....	72.5	W	71.7	58.9	79.8	66.1	88.9	70.4	75.2	61.5
June 1993 .....	76.1	W	75.1	63.8	83.0	70.8	90.1	75.0	78.3	66.1
July 1992 .....	85.4	W	75.1	65.5	82.9	71.6	89.6	76.4	78.3	67.7
<b>Oklahoma</b>										
July 1993 .....	74.2	W	67.6	55.2	74.8	60.9	79.6	63.0	70.0	56.2
June 1993 .....	75.1	63.0	71.0	60.1	78.3	64.7	82.9	66.4	73.4	61.0
July 1992 .....	76.3	65.7	74.0	63.6	80.2	69.4	84.3	71.3	76.1	64.6
<b>South Dakota</b>										
July 1993 .....	86.2	65.8	79.4	61.9	81.6	71.6	90.2	72.9	80.5	63.1
June 1993 .....	87.0	70.5	81.5	66.1	84.6	74.4	91.1	77.1	82.6	67.2
July 1992 .....	94.5	79.9	89.0	71.0	86.9	76.4	100.4	82.0	90.0	72.0
<b>Tennessee</b>										
July 1993 .....	W	-	69.6	56.6	79.7	63.0	87.9	68.4	75.1	60.3
June 1993 .....	W	-	71.7	60.6	81.3	67.0	89.3	72.3	76.8	64.2
July 1992 .....	W	W	75.9	64.9	85.0	71.1	93.6	76.3	81.0	68.3
<b>Wisconsin</b>										
July 1993 .....	77.3	59.1	72.0	58.0	79.8	64.4	84.6	67.9	74.4	59.8
June 1993 .....	80.5	65.7	75.1	62.2	82.7	68.5	87.7	71.7	77.2	63.8
July 1992 .....	88.5	69.9	80.6	65.8	88.4	72.5	93.1	75.1	82.7	67.4
<b>PAD District III Average</b>										
July 1993 .....	83.5	68.7	72.5	57.0	81.7	63.3	89.2	67.4	77.1	59.4
June 1993 .....	84.0	71.0	74.2	60.2	83.1	66.7	90.7	71.0	78.5	62.6
July 1992 .....	85.7	74.7	78.0	64.5	86.6	71.1	93.6	75.4	82.1	66.9
<b>Alabama</b>										
July 1993 .....	W	-	72.4	57.0	82.0	63.2	90.2	68.7	77.7	60.5
June 1993 .....	W	-	73.8	60.7	83.2	66.7	92.0	72.6	79.1	64.1
July 1992 .....	W	-	78.4	65.6	86.7	71.9	95.2	77.8	82.8	68.9
<b>Arkansas</b>										
July 1993 .....	W	W	70.3	55.9	79.1	60.8	85.4	64.9	73.8	58.1
June 1993 .....	W	W	71.8	59.7	80.3	64.9	86.7	69.1	75.1	61.9
July 1992 .....	74.6	W	75.3	63.8	83.1	68.7	90.2	73.2	78.5	66.0
<b>Louisiana</b>										
July 1993 .....	76.9	-	71.0	57.0	81.8	64.1	88.9	68.0	76.9	60.6
June 1993 .....	79.0	-	72.7	60.0	82.7	67.1	89.9	72.2	78.3	63.6
July 1992 .....	85.1	-	77.1	65.7	86.4	72.2	91.8	75.1	81.6	68.8
<b>Mississippi</b>										
July 1993 .....	W	-	69.7	55.5	79.1	61.2	86.9	63.9	74.5	57.6
June 1993 .....	W	-	72.1	58.8	81.2	65.1	89.2	70.2	76.7	61.2
July 1992 .....	W	-	76.2	63.0	84.2	69.2	91.0	74.7	80.2	65.3
<b>New Mexico</b>										
July 1993 .....	87.5	69.6	85.2	69.7	90.0	73.8	96.9	78.3	86.8	70.0
June 1993 .....	86.9	72.4	85.4	71.4	91.7	76.2	97.2	80.6	87.0	72.6
July 1992 .....	86.9	75.8	85.8	74.3	93.4	77.5	98.8	83.3	87.4	75.4
<b>Texas</b>										
July 1993 .....	78.9	65.8	72.3	56.6	82.2	63.6	89.5	67.6	76.9	58.8
June 1993 .....	81.0	68.1	74.0	59.8	83.7	66.9	91.1	70.3	78.5	61.9
July 1992 .....	83.6	71.1	77.9	63.8	87.2	71.3	94.3	75.1	82.3	66.0
<b>PAD District IV Average</b>										
July 1993 .....	80.4	68.0	77.6	65.4	84.2	68.9	89.8	73.9	80.3	67.1
June 1993 .....	81.2	70.1	79.4	68.2	86.6	72.4	91.9	76.7	81.8	69.8
July 1992 .....	92.0	81.7	89.1	79.9	93.9	82.0	100.6	87.4	91.4	81.3
<b>Colorado</b>										
July 1993 .....	83.8	65.5	77.6	61.5	86.7	67.3	95.1	70.7	81.5	63.4
June 1993 .....	85.1	68.2	79.7	65.7	88.4	71.3	96.6	74.7	83.2	67.4
July 1992 .....	93.0	80.6	88.3	77.7	95.2	81.6	102.6	85.4	91.3	79.5

See footnotes at end of table.

**Table 28. Refiner/Reseller Motor Gasoline Prices by Grade,  
PAD District, and State (Continued)**  
(Cents per Gallon Excluding Taxes)

Geographic Area Month	Leaded Regular		Unleaded Regular		Unleaded Midgrade		Premium		Motor Gasoline Average	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
<b>Idaho</b>										
July 1993	77.6	69.1	76.6	69.0	84.4	73.5	84.6	77.2	77.8	70.0
June 1993	77.0	69.7	76.3	69.5	84.7	NA	85.9	77.6	77.6	70.6
July 1992	89.8	82.4	89.3	82.2	92.7	W	89.5	90.4	90.2	83.1
<b>Montana</b>										
July 1993	85.3	71.3	84.4	71.3	W	-	94.0	79.5	85.8	72.5
June 1993	84.6	72.7	84.0	72.6	W	W	93.8	81.0	85.2	73.8
July 1992	94.4	84.6	94.0	83.3	W	-	101.9	91.0	95.0	84.5
<b>Utah</b>										
July 1993	75.4	64.5	73.1	65.0	76.9	72.0	83.5	73.4	75.8	67.0
June 1993	78.5	67.5	76.4	67.4	80.5	73.4	88.9	75.4	78.9	69.2
July 1992	88.1	77.5	85.6	77.5	89.3	83.4	94.9	85.6	87.8	79.0
<b>Wyoming</b>										
July 1993	83.3	66.3	82.9	65.5	83.5	W	93.1	73.7	84.3	66.9
June 1993	84.3	70.1	84.4	69.6	85.2	W	94.0	77.8	85.6	70.9
July 1992	86.0	82.9	86.1	81.6	W	83.2	105.3	89.0	97.2	82.9
<b>PAD District V Average</b>										
July 1993	78.5	68.5	80.1	67.2	83.5	74.2	96.7	81.4	82.8	70.5
June 1993	78.8	70.8	80.9	69.9	84.5	76.2	97.2	84.2	83.5	73.2
July 1992	86.4	78.0	89.8	76.4	93.0	82.8	103.7	91.2	91.3	79.7
<b>Alaska</b>										
July 1993	95.2	84.8	97.7	78.1	NA	NA	105.7	87.2	98.4	79.3
June 1993	97.2	85.0	97.5	79.6	W	W	105.4	87.3	98.3	80.8
July 1992	105.7	88.4	110.3	82.6	-	-	105.8	91.9	109.3	83.8
<b>Arizona</b>										
July 1993	80.6	71.6	84.2	72.8	87.6	75.0	99.3	84.8	85.9	74.4
June 1993	80.0	73.3	83.4	74.0	88.5	76.8	98.9	85.6	85.0	75.7
July 1992	84.2	77.7	88.0	78.4	91.4	83.6	102.7	90.6	89.3	80.0
<b>California</b>										
July 1993	W	77.0	76.3	65.9	82.7	73.9	93.8	80.3	80.2	69.7
June 1993	W	77.8	77.8	68.8	83.7	76.0	95.0	83.5	81.6	72.6
July 1992	W	80.8	86.9	75.4	92.9	82.8	102.8	90.8	90.5	79.3
<b>Hawaii</b>										
July 1993	-	-	100.4	91.1	103.4	97.6	117.0	104.4	105.0	96.4
June 1993	-	-	101.8	92.8	104.7	99.2	117.6	106.3	106.3	98.2
July 1992	-	-	95.8	87.5	104.8	96.6	112.5	104.0	101.5	93.6
<b>Nevada</b>										
July 1993	84.2	69.1	80.6	64.9	83.5	70.5	99.2	78.9	83.7	67.6
June 1993	84.8	72.2	81.2	67.3	84.2	72.6	99.2	80.4	84.2	69.9
July 1992	95.8	80.7	88.4	75.3	89.2	79.9	103.7	89.4	90.9	77.8
<b>Oregon</b>										
July 1993	80.7	68.2	84.5	69.6	W	-	99.8	84.9	85.2	71.2
June 1993	81.5	70.8	85.3	72.3	W	-	100.6	86.4	86.0	73.8
July 1992	88.8	77.5	93.6	77.7	W	W	108.4	92.7	94.0	79.2
<b>Washington</b>										
July 1993	74.5	66.6	79.1	67.8	85.5	71.9	96.0	80.8	80.5	69.9
June 1993	74.9	66.9	80.0	70.0	85.3	73.8	94.8	83.1	81.1	72.1
July 1992	84.8	78.1	89.1	78.2	W	W	103.9	91.1	90.1	80.2

Dashes (-) = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

Note: Values shown for the current month are preliminary. Values shown for previous month are revised. Data are final upon publication in the Petroleum Marketing Annual.

Sources: Energy Information Administration Form EIA-782A, "Refiners/Gas Plant Operators' Monthly Petroleum Product Sales Report," and EIA-782B, "Reseller/Retailers' Monthly Petroleum Product Sales Report."



**Table 29. Refiner/Reseller Motor Gasoline Prices to End Users  
by Grade, PAD District, and State**  
(Cents per Gallon Excluding Taxes)

Geographic Area Month	Loaded Regular		Unloaded Regular		Unloaded Midgrade		Premium		Motor Gasoline Average	
	Through Company Outlets	Other End Users	Through Company Outlets	Other End Users	Through Company Outlets	Other End Users	Through Company Outlets	Other End Users	Through Company Outlets	Other End Users
<b>U.S. Average</b>										
July 1993 . . . . .	79.8	78.7	73.4	69.4	81.6	73.5	90.3	78.9	77.6	71.7
June 1993 . . . . .	80.3	80.4	75.4	72.1	83.4	76.2	92.1	81.6	79.4	74.3
July 1992 . . . . .	87.6	87.0	79.8	76.9	87.2	80.1	96.0	86.0	83.6	79.2
<b>PAD District I Average</b>										
July 1993 . . . . .	73.5	74.7	72.0	65.3	82.4	71.8	91.1	77.1	77.9	68.8
June 1993 . . . . .	74.4	75.7	73.1	68.0	83.4	74.4	92.1	79.9	78.8	71.4
July 1992 . . . . .	81.5	83.3	78.4	72.3	88.2	78.5	96.9	84.6	83.8	76.1
<b>Subdistrict IA Average</b>										
July 1993 . . . . .	-	W	75.3	63.1	84.8	69.7	93.5	74.5	80.8	67.1
June 1993 . . . . .	-	W	76.7	65.2	85.9	72.0	94.5	77.0	81.9	69.0
July 1992 . . . . .	-	86.1	84.1	70.3	93.9	75.7	101.7	81.5	89.4	73.8
<b>Connecticut</b>										
July 1993 . . . . .	-	-	74.6	60.8	85.5	67.9	96.2	72.0	81.3	65.3
June 1993 . . . . .	-	-	76.1	63.9	86.8	70.6	97.6	75.0	82.7	68.2
July 1992 . . . . .	-	-	82.6	71.1	92.1	77.7	102.3	82.3	88.9	76.1
<b>Maine</b>										
July 1993 . . . . .	-	-	80.7	68.8	89.3	75.3	96.7	80.2	84.6	73.2
June 1993 . . . . .	-	-	81.0	70.8	90.0	78.4	97.8	81.1	84.9	74.3
July 1992 . . . . .	-	-	85.2	76.1	97.0	79.9	101.7	86.5	89.6	79.0
<b>Massachusetts</b>										
July 1993 . . . . .	-	-	73.4	59.9	83.6	65.6	92.6	71.0	79.4	63.5
June 1993 . . . . .	-	-	75.0	61.6	85.0	69.2	93.5	74.6	80.7	65.7
July 1992 . . . . .	-	W	84.0	67.4	94.2	73.7	101.9	79.6	89.5	71.3
<b>New Hampshire</b>										
July 1993 . . . . .	-	-	76.2	66.2	86.9	72.4	94.9	78.8	81.3	70.7
June 1993 . . . . .	-	-	78.3	68.0	87.8	72.8	95.2	79.4	82.7	70.7
July 1992 . . . . .	-	-	85.0	69.4	95.5	71.6	103.6	79.0	90.2	71.0
<b>Rhode Island</b>										
July 1993 . . . . .	-	W	71.8	60.2	79.0	66.9	85.2	75.2	76.6	64.6
June 1993 . . . . .	-	NA	72.4	63.2	79.5	66.7	86.1	75.3	77.3	66.3
July 1992 . . . . .	-	-	83.0	66.6	90.0	71.7	96.9	77.7	87.8	68.6
<b>Vermont</b>										
July 1993 . . . . .	-	W	80.6	71.4	88.8	76.1	96.3	83.0	84.8	74.4
June 1993 . . . . .	-	W	81.3	73.5	89.6	78.1	97.0	85.9	85.2	76.9
July 1992 . . . . .	-	W	87.9	77.6	95.3	82.4	102.4	86.2	91.7	79.9
<b>Subdistrict IB Average</b>										
July 1993 . . . . .	72.1	75.2	71.7	65.3	81.3	71.7	89.3	77.2	77.2	68.8
June 1993 . . . . .	74.3	77.3	72.3	67.9	81.5	73.8	89.8	79.4	77.5	71.2
July 1992 . . . . .	W	81.8	79.6	72.6	89.5	78.9	97.7	84.3	85.0	76.2
<b>Delaware</b>										
July 1993 . . . . .	-	-	68.3	65.4	76.3	71.9	86.8	80.5	73.5	69.8
June 1993 . . . . .	-	-	69.9	65.7	77.6	73.3	88.2	80.2	74.7	70.0
July 1992 . . . . .	-	-	77.7	70.6	87.5	79.4	96.9	84.7	83.7	75.5
<b>District of Columbia</b>										
July 1993 . . . . .	-	-	W	58.9	W	60.5	W	65.6	W	61.3
June 1993 . . . . .	-	-	W	63.1	W	66.5	W	70.7	W	65.1
July 1992 . . . . .	-	-	W	65.2	W	67.4	W	77.9	W	68.3
<b>Maryland</b>										
July 1993 . . . . .	-	-	70.7	63.1	81.2	73.9	87.4	77.3	78.5	67.9
June 1993 . . . . .	-	W	71.7	66.4	82.1	76.1	87.9	80.5	77.2	70.5
July 1992 . . . . .	-	-	77.7	70.7	89.8	80.7	96.7	85.2	84.0	75.4
<b>New Jersey</b>										
July 1993 . . . . .	-	W	73.3	62.7	88.1	69.9	96.4	75.0	82.3	67.2
June 1993 . . . . .	-	W	74.7	64.8	88.6	72.1	96.9	76.1	83.1	69.0
July 1992 . . . . .	-	W	82.1	71.2	94.2	77.4	102.5	83.2	90.3	76.4
<b>New York</b>										
July 1993 . . . . .	81.2	77.2	73.4	64.5	82.8	67.7	89.2	75.2	78.1	67.2
June 1993 . . . . .	82.8	80.1	73.7	67.1	83.2	69.9	89.9	75.7	78.4	69.3
July 1992 . . . . .	W	W	79.5	72.2	89.0	76.1	96.1	80.7	84.0	74.5
<b>Pennsylvania</b>										
July 1993 . . . . .	W	72.6	69.9	68.1	79.1	74.9	86.2	81.1	74.9	71.6
June 1993 . . . . .	W	73.4	70.4	70.6	78.8	76.6	86.5	84.3	75.0	74.3
July 1992 . . . . .	-	81.4	79.4	74.5	88.3	81.5	96.7	89.2	84.2	76.3

See footnotes at end of table.

**Table 29. Refiner/Reseller Motor Gasoline Prices to End Users  
by Grade, PAD District, and State (Continued)**  
(Cents per Gallon Excluding Taxes)

Geographic Area Month	Leaded Regular		Unleaded Regular		Unleaded Midgrade		Premium		Motor Gasoline Average	
	Through Company Outlets	Other End Users	Through Company Outlets	Other End Users	Through Company Outlets	Other End Users	Through Company Outlets	Other End Users	Through Company Outlets	Other End Users
<b>Subdistrict IC Average</b>										
July 1993	W	W	71.4	65.7	82.4	72.0	91.6	77.6	77.6	69.2
June 1993	74.8	W	72.9	69.6	83.8	75.5	93.0	80.8	79.0	72.1
July 1992	W	W	76.8	72.4	86.7	78.9	95.7	85.4	82.3	76.6
<b>Florida</b>										
July 1993	-	-	73.3	65.6	85.4	71.2	94.3	76.5	80.1	68.9
June 1993	-	-	74.9	70.5	86.9	75.5	95.7	80.5	81.6	73.7
July 1992	W	-	78.4	72.3	88.8	77.6	96.9	84.4	84.4	77.0
<b>Georgia</b>										
July 1993	W	-	69.8	67.6	80.2	72.2	89.4	80.4	75.9	70.9
June 1993	74.8	-	71.1	69.8	81.2	74.9	90.6	82.8	77.0	73.2
July 1992	W	-	75.4	73.0	85.2	77.8	95.0	85.6	81.2	76.5
<b>North Carolina</b>										
July 1993	-	W	69.5	63.0	79.3	69.5	89.3	74.0	75.0	65.9
June 1993	-	W	71.1	65.9	80.9	71.9	90.8	77.8	76.5	68.6
July 1992	W	-	75.1	70.9	84.0	80.2	93.1	84.6	80.1	75.0
<b>South Carolina</b>										
July 1993	-	-	68.5	67.5	80.4	69.5	89.9	77.9	74.8	70.0
June 1993	-	-	70.0	65.8	81.2	70.4	91.0	79.4	76.0	68.9
July 1992	-	-	75.3	70.5	85.9	77.1	95.2	83.5	80.1	74.2
<b>Virginia</b>										
July 1993	-	-	72.1	64.9	82.4	75.7	91.4	78.8	78.3	69.8
June 1993	-	-	73.3	68.0	84.2	79.5	93.2	81.1	79.5	72.7
July 1992	-	W	77.4	74.2	87.2	80.8	96.8	87.7	83.3	78.4
<b>West Virginia</b>										
July 1993	-	W	77.2	65.6	87.3	70.9	93.7	77.8	81.7	68.7
June 1993	-	W	77.7	71.6	87.8	77.3	94.1	83.7	82.0	74.8
July 1992	-	W	81.8	73.5	91.8	79.0	98.9	86.5	86.3	77.2
<b>PAD District II Average</b>										
July 1993	79.7	78.7	71.7	70.0	79.3	76.0	86.0	78.4	74.7	72.0
June 1993	82.4	81.4	74.9	72.8	82.6	78.0	89.1	80.8	77.8	74.7
July 1992	85.3	86.0	77.2	76.8	84.1	82.4	90.8	85.8	79.9	78.8
<b>Illinois</b>										
July 1993	80.2	80.9	71.7	69.6	78.7	76.7	85.6	80.1	74.5	72.7
June 1993	83.3	85.4	73.8	73.0	81.7	78.5	89.4	81.7	77.1	75.2
July 1992	83.2	81.0	77.4	75.6	85.0	82.4	92.5	85.4	80.7	78.4
<b>Indiana</b>										
July 1993	81.3	80.5	70.7	67.0	77.9	74.0	84.5	76.8	74.1	70.7
June 1993	82.3	83.9	75.5	69.5	82.3	75.6	88.9	82.8	78.6	73.5
July 1992	87.7	84.5	75.7	72.9	82.7	78.9	87.4	86.8	78.4	76.8
<b>Iowa</b>										
July 1993	73.1	73.4	69.2	72.2	75.7	83.8	78.6	85.1	70.2	73.4
June 1993	78.8	76.0	73.6	75.1	78.9	79.4	81.7	82.7	74.5	75.7
July 1992	84.9	82.3	81.0	79.4	85.3	87.6	90.9	87.7	81.9	80.1
<b>Kansas</b>										
July 1993	73.6	NA	72.0	71.0	78.7	74.6	84.6	75.8	73.7	72.1
June 1993	77.3	W	74.7	73.8	82.2	78.0	87.5	78.1	76.4	75.0
July 1992	80.8	83.2	77.4	79.9	82.7	90.5	88.9	82.5	79.0	80.8
<b>Kentucky</b>										
July 1993	W	W	73.3	65.8	82.6	73.1	90.6	78.9	77.9	69.7
June 1993	W	W	75.8	69.1	84.8	74.8	92.5	82.6	80.2	72.6
July 1992	W	W	78.2	72.6	85.5	81.2	92.8	87.1	81.8	76.7
<b>Michigan</b>										
July 1993	85.0	80.6	70.6	69.5	78.0	74.6	84.9	76.8	73.6	71.3
June 1993	87.0	83.8	74.9	71.1	83.2	79.0	89.3	79.7	77.9	73.3
July 1992	87.9	86.5	74.7	76.2	82.2	81.7	89.8	88.1	77.7	78.9
<b>Minnesota</b>										
July 1993	79.9	78.7	77.2	73.8	82.7	81.4	89.3	82.1	79.3	75.3
June 1993	83.4	79.7	79.5	76.7	85.0	81.3	91.7	85.6	81.6	78.1
July 1992	86.9	87.8	83.8	80.0	91.9	85.8	93.3	89.5	85.5	81.8
<b>Missouri</b>										
July 1993	76.6	74.9	60.6	68.9	76.7	75.8	83.6	75.0	71.7	70.8
June 1993	80.4	78.2	72.1	71.5	80.6	76.2	86.8	78.6	75.1	72.8
July 1992	79.2	84.0	74.0	77.2	82.7	87.1	89.1	91.3	77.2	79.6

See footnotes at end of table

**Table 29. Refiner/Reseller Motor Gasoline Prices to End Users  
by Grade, PAD District, and State (Continued)**  
(Cents per Gallon Excluding Taxes)

Geographic Area Month	Leaded Regular		Unleaded Regular		Unleaded Midgrade		Premium		Motor Gasoline Average	
	Through Company Outlets	Other End Users	Through Company Outlets	Other End Users	Through Company Outlets	Other End Users	Through Company Outlets	Other End Users	Through Company Outlets	Other End Users
<b>Nebraska</b>										
July 1993 ..	78.9	71.1	74.8	70.9	NA	79.3	83.4	73.3	76.2	71.8
June 1993 ..	81.4	76.9	78.0	74.5	85.3	79.9	86.9	79.4	79.6	75.5
July 1992 ..	81.7	78.0	78.6	74.1	83.4	W	88.2	W	80.0	76.5
<b>North Dakota</b>										
July 1993 ..	87.8	85.2	83.4	78.7	92.2	W	92.0	87.1	84.7	79.2
June 1993 ..	89.3	86.7	86.4	83.4	92.4	80.2	92.2	89.0	87.3	83.8
July 1992 ..	92.8	89.3	88.8	84.6	94.1	89.3	98.5	94.7	89.6	85.4
<b>Ohio</b>										
July 1993 ..	71.6	W	71.9	68.9	80.2	76.9	87.3	80.5	75.4	72.3
June 1993 ..	73.8	NA	75.4	72.0	83.4	80.0	90.9	80.5	78.7	74.7
July 1992 ..	81.5	86.7	75.2	73.6	83.1	80.7	90.1	83.2	78.5	76.4
<b>Oklahoma</b>										
July 1993 ..	74.2	-	68.0	62.1	75.0	65.3	80.4	68.3	70.4	63.1
June 1993 ..	75.1	-	71.4	66.3	78.5	68.9	83.7	71.5	73.9	67.1
July 1992 ..	76.4	W	74.4	68.4	80.6	69.0	85.3	73.3	76.6	69.3
<b>South Dakota</b>										
July 1993 ..	86.5	82.5	80.7	74.5	81.6	82.3	93.2	84.5	81.6	76.3
June 1993 ..	87.6	80.6	82.0	78.5	84.2	86.7	94.0	87.0	83.0	80.8
July 1992 ..	95.1	92.4	89.4	87.7	85.7	94.6	100.9	99.2	90.2	89.4
<b>Tennessee</b>										
July 1993 ..	W	-	70.1	61.5	80.4	67.2	89.0	72.4	75.8	64.6
June 1993 ..	W	-	72.2	64.7	82.0	70.2	90.4	74.0	77.5	67.5
July 1992 ..	W	-	76.4	69.9	85.5	76.2	94.4	81.7	81.5	73.0
<b>Wisconsin</b>										
July 1993 ..	79.7	75.8	72.0	72.3	79.6	82.2	84.7	83.5	74.4	74.3
June 1993 ..	81.2	80.2	75.1	75.1	82.5	85.3	87.8	85.7	77.3	76.7
July 1992 ..	85.4	91.0	80.9	79.0	89.3	83.9	93.6	86.2	83.1	80.8
<b>PAD District III Average</b>										
July 1993 ..	83.7	80.8	73.3	66.0	82.5	70.1	90.5	75.4	77.9	68.2
June 1993 ..	84.0	84.1	74.6	69.8	83.7	73.8	91.9	79.2	79.2	71.9
July 1992 ..	85.8	85.3	78.4	73.8	87.4	76.2	95.0	81.3	82.0	75.6
<b>Alabama</b>										
July 1993 ..	W	-	73.1	65.1	82.6	74.0	91.6	77.1	78.6	69.0
June 1993 ..	W	-	74.7	66.8	83.9	76.0	93.5	81.1	80.1	71.2
July 1992 ..	W	-	79.1	73.9	87.7	78.7	97.0	86.1	83.7	77.3
<b>Arkansas</b>										
July 1993 ..	W	-	71.7	63.4	81.1	66.6	89.3	72.5	75.5	65.6
June 1993 ..	W	-	73.1	65.8	82.5	69.3	90.6	74.6	76.9	67.9
July 1992 ..	75.3	W	75.5	73.1	83.5	78.1	91.0	83.2	78.8	75.1
<b>Louisiana</b>										
July 1993 ..	76.9	-	71.8	65.1	82.6	71.8	90.6	76.9	77.9	68.9
June 1993 ..	79.0	-	73.2	68.1	83.4	75.2	91.2	80.4	79.0	72.1
July 1992 ..	W	W	77.1	76.4	86.9	79.1	93.9	79.0	82.1	77.5
<b>Mississippi</b>										
July 1993 ..	W	-	70.1	65.6	79.4	73.9	88.3	76.6	75.1	69.0
June 1993 ..	W	-	72.4	69.3	81.6	75.5	90.2	80.3	77.2	72.0
July 1992 ..	W	-	76.5	74.7	84.8	78.4	92.6	82.8	80.8	76.8
<b>New Mexico</b>										
July 1993 ..	87.9	83.8	86.1	78.5	91.5	W	98.4	86.7	87.7	80.0
June 1993 ..	86.9	87.2	86.1	79.7	93.0	85.4	98.6	89.4	87.6	82.0
July 1992 ..	87.2	85.7	86.5	81.5	93.6	90.4	99.7	93.3	88.1	83.6
<b>Texas</b>										
July 1993 ..	79.0	77.6	72.9	65.6	82.9	67.2	90.2	72.5	77.7	66.6
June 1993 ..	81.1	80.5	74.3	71.4	84.1	72.7	91.7	77.7	78.9	72.3
July 1992 ..	83.7	81.4	78.5	71.9	88.1	74.2	95.3	78.1	83.1	73.1
<b>PAD District IV Average</b>										
July 1993 ..	80.9	79.1	77.9	76.2	84.7	66.7	90.6	82.6	80.7	77.3
June 1993 ..	81.9	79.5	79.6	77.8	87.0	72.1	92.7	83.9	82.4	78.8
July 1992 ..	93.0	89.8	89.4	87.6	94.1	88.8	101.7	94.1	91.8	88.9
<b>Colorado</b>										
July 1993 ..	84.6	82.1	78.1	73.6	87.4	65.6	96.2	79.7	82.2	74.9
June 1993 ..	85.9	82.8	80.0	76.7	89.1	70.0	97.7	81.5	83.8	77.5
July 1992 ..	94.1	89.9	88.6	85.8	95.4	85.9	104.1	91.5	91.8	87.2

See footnotes at end of table.

**Table 29. Refiner/Reseller Motor Gasoline Prices to End Users  
by Grade, PAD District, and State (Continued)**  
(Cents per Gallon Excluding Taxes)

Geographic Area Month	Leaded Regular		Unleaded Regular		Unleaded Midgrade		Premium		Motor Gasoline Average	
	Through Company Outlets	Other End Users	Through Company Outlets	Other End Users	Through Company Outlets	Other End Users	Through Company Outlets	Other End Users	Through Company Outlets	Other End Users
<b>Idaho</b>										
July 1993 .....	77.1	78.7	76.5	77.1	84.4	-	84.1	87.6	77.7	78.3
June 1993 .....	76.4	78.5	76.1	77.0	84.7	-	85.7	87.6	77.5	78.1
July 1992 .....	90.1	89.4	89.8	88.1	89.0	95.0	99.6	99.3	90.6	89.3
<b>Montana</b>										
July 1993 .....	85.5	84.9	85.0	82.6	W	W	94.4	91.5	86.4	83.8
June 1993 .....	85.8	82.9	85.4	81.0	W	W	94.7	90.1	86.8	82.2
July 1992 .....	95.9	92.4	95.0	91.5	W	W	102.4	99.6	96.2	92.4
<b>Utah</b>										
July 1993 .....	76.4	72.3	73.3	71.0	76.9	-	83.9	78.7	76.1	72.7
June 1993 .....	79.9	73.3	76.7	72.5	80.5	W	87.7	78.6	79.4	73.8
July 1992 .....	89.0	82.9	85.8	83.6	89.2	W	95.4	89.5	88.1	84.7
<b>Wyoming</b>										
July 1993 .....	85.6	75.3	83.6	79.2	83.3	W	94.3	NA	85.4	79.0
June 1993 .....	86.7	76.7	85.3	81.1	84.9	W	94.6	89.9	86.8	81.0
July 1992 .....	97.9	90.8	97.2	91.6	W	-	107.5	98.5	90.5	92.3
<b>PAD District V Average</b>										
July 1993 .....	78.6	78.2	81.2	74.6	84.6	77.4	98.5	86.0	84.1	76.6
June 1993 .....	78.6	80.1	81.7	76.8	85.2	80.1	99.1	87.6	84.5	78.9
July 1992 .....	86.5	85.8	89.8	83.1	93.9	85.7	105.2	92.8	92.3	84.8
<b>Alaska</b>										
July 1993 .....	95.6	93.1	103.4	NA	-	NA	109.4	90.0	103.6	NA
June 1993 .....	97.7	93.4	102.6	90.3	-	W	108.3	92.3	102.9	90.6
July 1992 .....	103.5	NA	111.5	107.4	-	-	113.9	87.9	110.9	105.3
<b>Arizona</b>										
July 1993 .....	80.9	74.4	85.3	71.9	88.7	74.3	100.0	79.2	87.0	72.6
June 1993 .....	80.1	77.9	84.2	74.9	89.8	77.0	99.3	85.2	85.8	75.7
July 1992 .....	85.0	78.5	88.9	82.0	91.4	-	103.9	89.7	90.3	82.1
<b>California</b>										
July 1993 .....	W	-	77.3	72.0	83.6	77.3	95.8	84.8	81.4	74.9
June 1993 .....	W	-	78.6	74.3	84.3	79.8	96.9	87.0	82.5	77.2
July 1992 .....	W	W	88.0	80.0	93.7	85.2	104.3	92.6	91.8	82.6
<b>Hawaii</b>										
July 1993 .....	-	-	108.4	78.9	113.2	78.6	125.8	93.3	113.5	82.6
June 1993 .....	-	-	108.6	82.3	113.3	83.0	125.8	96.5	113.7	86.4
July 1992 .....	-	-	102.1	83.0	115.9	84.6	120.4	93.2	109.0	85.7
<b>Nevada</b>										
July 1993 .....	83.1	86.5	82.6	71.0	84.4	72.4	100.4	81.3	85.7	72.1
June 1993 .....	83.7	87.3	82.9	72.2	84.4	77.7	100.0	82.6	85.8	73.2
July 1992 .....	92.2	W	89.9	80.3	89.7	77.9	104.5	87.5	92.3	81.1
<b>Oregon</b>										
July 1993 .....	81.5	77.8	85.7	78.4	W	-	101.2	91.0	86.5	79.3
June 1993 .....	81.9	79.9	86.2	81.6	W	-	101.7	94.8	86.9	82.2
July 1992 .....	89.0	88.1	94.6	87.1	W	-	109.4	98.6	94.9	88.2
<b>Washington</b>										
July 1993 .....	74.0	78.7	79.5	76.4	85.4	W	96.7	88.2	80.9	78.0
June 1993 .....	74.2	80.3	80.1	79.0	85.5	83.9	97.6	82.3	81.3	79.9
July 1992 .....	84.7	88.0	89.5	85.9	-	W	104.4	97.6	90.5	87.2

Dashes (-) = No data reported

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

Note: Values shown for the current month are preliminary. Values shown for previous month are revised. Data are final upon publication in the Petroleum Marketing Annual.

Sources: Energy Information Administration Form EIA-782A, "Refiners/Gas Plant Operators' Monthly Petroleum Product Sales Report," and EIA-782B, "Reseller/Retailers' Monthly Petroleum Product Sales Report."

**Table 30. Refiner/Reseller Total Motor Gasoline Prices  
by Seller, PAD District, and State**  
(Cents per Gallon Excluding Taxes)

Geographic Area Month	Major Refiners			Other Refiners			All Refiners			Resellers		
	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale
	Through Company Outlets	Other End Users		Through Company Outlets	Other End Users		Through Company Outlets	Other End Users		Through Company Outlets	Other End Users	
<b>U.S. Average</b>												
July 1993 .....	78.8	63.8	64.3	76.2	65.7	66.8	78.1	64.3	62.8	77.3	72.8	64.1
June 1993 .....	80.8	68.0	67.7	78.8	69.2	60.8	80.2	68.3	66.2	78.8	75.2	67.0
July 1992 .....	84.5	71.3	72.3	82.6	74.2	65.7	84.0	72.1	71.0	83.4	80.4	72.0
<b>PAD District I Average</b>												
July 1993 .....	79.3	60.3	64.6	75.7	62.2	56.0	78.7	61.0	63.8	77.5	70.2	63.4
June 1993 .....	80.3	64.9	67.8	76.8	65.6	59.9	79.7	65.1	66.9	78.4	72.5	66.2
July 1992 .....	84.2	68.5	72.4	81.5	69.0	63.9	83.7	68.7	71.5	83.9	77.8	71.7
<b>Subdistrict 1A Average</b>												
July 1993 .....	83.6	58.5	65.7	-	W	56.6	83.6	58.2	65.3	80.4	69.2	61.7
June 1993 .....	84.6	62.9	68.6	-	W	61.0	84.6	61.8	67.8	81.5	70.6	66.5
July 1992 .....	91.6	71.9	75.2	-	W	62.1	91.6	66.4	73.5	89.0	75.9	73.2
<b>Connecticut</b>												
July 1993 .....	W	61.1	66.7	-	W	W	W	59.5	68.4	80.5	67.0	58.8
June 1993 .....	W	66.1	69.2	-	W	NA	W	64.7	68.5	81.9	69.0	70.0
July 1992 .....	W	75.6	74.7	-	W	W	W	70.8	74.5	88.5	77.8	75.0
<b>Maine</b>												
July 1993 .....	-	W	60.9	-	W	W	-	57.2	60.8	84.6	74.1	63.5
June 1993 .....	-	W	84.1	-	W	W	-	60.2	63.5	84.9	75.3	66.8
July 1992 .....	-	71.9	71.2	-	W	W	-	68.4	70.6	89.6	80.4	73.9
<b>Massachusetts</b>												
July 1993 .....	83.7	57.6	66.4	-	W	W	83.7	57.9	65.9	78.4	65.6	59.5
June 1993 .....	85.0	61.5	69.5	-	W	59.6	85.0	60.4	68.6	79.8	67.4	63.5
July 1992 .....	92.5	70.7	76.8	-	W	61.5	92.5	65.6	73.4	88.7	73.2	70.2
<b>New Hampshire</b>												
July 1993 .....	83.0	W	65.6	-	W	W	83.0	55.3	65.2	81.1	72.8	67.3
June 1993 .....	83.4	59.4	68.6	-	W	W	83.4	59.3	67.8	82.8	72.9	72.2
July 1992 .....	W	67.4	74.8	-	W	W	90.5	64.0	74.2	90.1	78.1	77.5
<b>Rhode Island</b>												
July 1993 .....	W	W	65.2	-	W	W	78.1	58.1	64.8	76.3	68.8	58.8
June 1993 .....	W	W	68.5	-	W	W	78.4	62.3	68.0	77.0	68.1	61.4
July 1992 .....	88.2	W	76.0	-	W	W	88.2	69.2	73.9	87.7	69.8	71.0
<b>Vermont</b>												
July 1993 .....	-	-	W	-	W	W	-	W	W	84.8	74.6	72.1
June 1993 .....	-	W	W	-	W	W	-	W	69.8	85.2	77.4	74.7
July 1992 .....	-	W	W	-	-	W	-	W	75.3	91.7	80.1	81.0
<b>Subdistrict 1B Average</b>												
July 1993 .....	78.9	W	68.4	76.4	63.6	57.0	78.5	62.4	65.4	76.3	70.0	62.3
June 1993 .....	79.4	65.1	69.0	76.4	65.9	60.3	78.9	65.5	68.1	76.6	72.2	64.2
July 1992 .....	86.1	W	74.6	82.5	71.8	65.1	85.4	70.4	73.6	84.6	77.4	69.3
<b>Delaware</b>												
July 1993 .....	W	W	63.5	-	-	W	W	W	61.8	72.5	70.9	64.7
June 1993 .....	W	61.8	65.6	-	-	W	W	61.8	64.7	73.9	71.4	68.1
July 1992 .....	W	W	W	-	-	62.7	W	W	72.2	83.2	76.8	68.5
<b>District of Columbia</b>												
July 1993 .....	-	W	75.3	-	-	W	-	W	75.3	W	61.2	62.8
June 1993 .....	-	W	77.4	-	-	W	-	W	77.4	W	64.8	63.2
July 1992 .....	-	W	82.5	-	-	W	-	W	82.0	W	73.8	67.0
<b>Maryland</b>												
July 1993 .....	-	60.1	66.7	NA	W	W	NA	59.6	66.7	78.5	69.3	64.2
June 1993 .....	-	64.0	69.5	W	W	W	W	63.9	69.6	77.2	71.3	68.0
July 1992 .....	-	67.2	75.5	-	W	77.2	-	68.8	75.7	84.0	76.6	73.1
<b>New Jersey</b>												
July 1993 .....	84.7	60.1	67.8	W	W	54.3	84.4	60.5	66.3	78.7	70.2	57.7
June 1993 .....	85.5	63.5	69.9	W	W	56.9	85.1	63.9	68.5	79.9	71.0	59.9
July 1992 .....	91.9	68.4	75.9	W	W	62.3	91.7	69.0	73.7	87.7	78.0	65.9
<b>New York</b>												
July 1993 .....	77.5	63.8	68.5	W	W	56.8	76.2	63.4	67.4	79.3	67.5	63.5
June 1993 .....	77.8	66.9	71.1	W	W	59.8	76.3	65.9	70.1	79.8	69.6	68.1
July 1992 .....	84.0	70.4	75.8	W	W	64.7	82.5	70.4	75.0	85.2	75.0	72.4
<b>Pennsylvania</b>												
July 1993 .....	76.3	61.4	62.7	81.1	65.6	56.8	77.3	64.2	62.0	73.3	73.6	65.9
June 1993 .....	77.1	66.0	65.6	81.2	67.0	60.2	77.9	66.7	64.9	73.1	76.1	68.2
July 1992 .....	84.4	71.2	71.6	87.2	72.8	64.4	84.9	72.3	70.9	83.6	80.0	71.2

See footnotes at end of table.

**Table 30. Refiner/Reseller Total Motor Gasoline Prices  
by Seller, PAD District, and State (Continued)**  
(Cents per Gallon Excluding Taxes)

Geographic Area Month	Major Refiners			Other Refiners			All Refiners			Resellers		
	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale
	Through Company Outlets	Other End Users		Through Company Outlets	Other End Users		Through Company Outlets	Other End Users		Through Company Outlets	Other End Users	
<b>Subdistrict IC Average</b>												
July 1993	79.1	80.1	62.7	75.2	61.6	54.9	78.4	60.4	61.9	77.3	70.5	65.3
June 1993	80.4	W	66.4	77.1	67.3	59.2	79.8	65.7	65.6	78.5	73.1	68.1
July 1992	82.4	67.8	69.4	80.9	68.8	63.5	82.2	68.0	68.8	82.4	78.7	73.2
<b>Florida</b>												
July 1993	82.1	59.1	67.6	77.3	W	55.5	81.6	59.1	66.3	78.9	71.1	67.2
June 1993	83.5	63.7	71.1	81.2	W	59.5	83.3	63.9	69.7	80.2	75.6	70.1
July 1992	83.3	67.7	72.3	82.5	W	63.9	83.2	67.9	71.4	85.3	80.5	74.5
<b>Georgia</b>												
July 1993	74.8	59.7	60.5	73.9	-	54.7	74.7	59.7	59.9	76.5	72.5	63.5
June 1993	75.8	64.8	64.4	75.4	-	58.8	75.7	64.8	63.7	77.7	74.6	66.5
July 1992	79.1	68.9	68.0	78.5	W	63.1	79.0	68.9	67.4	82.3	77.5	74.3
<b>North Carolina</b>												
July 1993	75.2	57.7	58.7	W	W	54.0	74.3	57.7	58.3	75.2	66.4	65.7
June 1993	76.6	62.1	62.8	W	-	58.8	75.8	62.1	62.4	76.6	68.9	68.4
July 1992	81.1	65.4	66.6	W	-	63.3	80.5	65.4	66.3	80.1	77.4	71.8
<b>South Carolina</b>												
July 1993	71.7	59.3	58.5	W	W	54.0	71.5	59.2	58.1	76.4	70.9	62.1
June 1993	72.9	64.2	62.4	W	W	58.6	72.8	64.1	62.0	77.6	69.3	64.6
July 1992	78.3	67.9	66.7	W	-	63.2	78.1	67.9	66.3	81.3	76.0	72.1
<b>Virginia</b>												
July 1993	84.2	61.3	63.8	W	58.8	55.0	79.8	60.1	63.0	77.8	71.1	66.9
June 1993	85.9	66.6	67.0	W	62.5	59.4	81.5	64.9	66.3	78.9	73.7	69.7
July 1992	87.5	67.9	70.9	W	W	63.5	85.0	67.0	70.2	82.6	80.3	72.6
<b>West Virginia</b>												
July 1993	85.7	70.0	63.0	W	W	56.3	83.6	68.2	61.8	79.1	69.0	70.6
June 1993	86.3	76.6	67.8	W	W	61.6	84.0	76.5	68.7	79.4	73.7	73.6
July 1992	90.3	78.1	71.6	W	W	64.4	87.8	76.3	70.2	84.1	77.7	77.7
<b>PAD District II Average</b>												
July 1993	75.4	64.4	60.2	72.2	60.8	58.1	74.5	64.2	59.1	74.8	73.0	62.9
June 1993	79.3	68.7	65.0	75.5	65.4	60.8	78.2	68.5	63.9	77.5	75.6	66.6
July 1992	80.0	71.0	67.7	77.7	68.6	64.3	79.4	70.9	66.8	80.4	79.9	70.3
<b>Illinois</b>												
July 1993	75.3	59.1	61.1	W	NA	56.4	74.1	59.2	60.5	74.8	73.5	61.8
June 1993	79.0	65.0	65.8	W	W	60.9	77.3	64.6	64.9	76.9	76.1	66.3
July 1992	80.2	67.4	68.2	W	W	64.8	79.7	67.5	67.7	81.5	78.9	71.0
<b>Indiana</b>												
July 1993	73.6	57.4	59.6	W	W	56.5	72.9	57.3	59.1	75.0	71.2	64.5
June 1993	79.2	62.6	64.5	W	W	61.1	78.4	62.4	64.0	78.8	74.0	68.1
July 1992	77.9	65.5	66.7	W	W	64.1	77.2	65.4	66.2	79.4	77.5	68.5
<b>Iowa</b>												
July 1993	69.1	W	58.6	68.2	-	55.8	68.4	W	57.4	70.5	73.6	61.4
June 1993	73.4	W	64.0	73.0	-	60.0	73.1	W	62.6	74.7	75.9	65.2
July 1992	84.8	63.6	67.7	81.6	-	64.3	82.4	63.6	66.4	81.8	81.3	68.8
<b>Kansas</b>												
July 1993	72.9	58.9	58.6	71.1	W	55.1	71.8	58.6	56.3	74.4	73.5	62.6
June 1993	77.7	64.3	63.5	74.6	W	59.5	75.9	64.0	60.7	76.6	76.1	65.9
July 1992	77.0	W	66.3	76.3	W	63.6	76.6	66.3	64.6	80.0	81.7	69.4
<b>Kentucky</b>												
July 1993	79.7	66.7	60.8	75.9	-	56.7	79.2	66.7	60.5	77.2	70.2	65.9
June 1993	81.9	71.1	65.3	77.9	-	58.6	81.4	71.1	64.6	79.5	72.9	68.8
July 1992	83.2	73.9	68.4	80.8	-	63.0	82.9	73.9	67.9	81.2	77.6	73.4
<b>Michigan</b>												
July 1993	72.1	65.2	59.9	W	W	56.3	72.3	65.1	59.4	75.5	73.5	63.1
June 1993	78.2	68.6	66.0	W	W	62.0	76.7	68.6	65.3	79.5	75.4	67.5
July 1992	76.3	71.8	67.2	W	-	65.1	75.6	71.8	66.9	79.7	80.7	70.8
<b>Minnesota</b>												
July 1993	78.2	61.0	62.4	79.4	W	59.0	78.5	60.9	61.1	79.9	75.9	64.5
June 1993	81.3	65.9	66.9	84.0	W	63.2	82.0	65.7	65.4	81.3	78.7	67.9
July 1992	85.3	67.4	70.7	88.6	W	65.8	86.2	67.2	68.8	85.1	82.4	71.9
<b>Missouri</b>												
July 1993	72.5	W	60.1	70.3	W	55.7	71.5	61.3	58.8	71.7	71.5	62.0
June 1993	78.7	66.6	64.7	74.3	-	60.4	78.7	66.5	63.4	74.3	73.4	65.1
July 1992	81.0	71.6	68.4	76.7	W	64.2	79.2	71.5	67.0	78.3	80.2	69.0

See footnotes at end of table.

**Table 30. Refiner/Reseller Total Motor Gasoline Prices  
by Seller, PAD District, and State (Continued)**  
(Cents per Gallon Excluding Taxes)

Geographic Area Month	Major Refiners			Other Refiners			All Refiners			Resellers		
	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale
	Through Company Outlets	Other End Users		Through Company Outlets	Other End Users		Through Company Outlets	Other End Users		Through Company Outlets	Other End Users	
<b>Nebraska</b>												
July 1993 .....	W	W	59.0	72.9	W	58.0	75.2	58.4	57.6	76.4	72.3	62.3
June 1993 .....	W	W	64.0	75.5	W	61.1	77.8	63.4	62.6	79.9	75.8	66.5
July 1992 .....	W	W	67.5	78.1	-	65.2	78.4	W	66.4	80.4	76.6	71.3
<b>North Dakota</b>												
July 1993 .....	86.3	63.9	64.3	W	-	58.5	85.9	63.9	61.3	84.6	79.4	63.7
June 1993 .....	87.2	W	68.8	W	-	63.3	86.5	W	66.0	87.3	83.9	67.0
July 1992 .....	92.2	W	72.1	W	-	68.2	91.8	W	70.4	89.5	85.5	73.2
<b>Ohio</b>												
July 1993 .....	78.5	67.5	61.8	W	W	57.2	76.0	67.7	61.5	73.7	74.7	61.4
June 1993 .....	79.8	71.9	66.5	W	W	61.8	79.1	72.0	66.2	77.3	76.4	65.6
July 1992 .....	79.4	74.6	67.8	W	W	64.9	78.9	74.7	67.6	77.6	77.2	68.3
<b>Oklahoma</b>												
July 1993 .....	71.7	58.7	56.3	72.6	W	54.9	72.0	58.5	55.6	69.6	64.8	58.5
June 1993 .....	76.1	62.7	60.9	75.0	W	59.7	75.7	62.7	60.3	73.0	68.7	63.7
July 1992 .....	77.2	64.7	64.2	77.1	W	62.6	77.1	64.7	63.4	78.3	71.7	68.1
<b>South Dakota</b>												
July 1993 .....	W	W	62.2	W	-	59.1	76.9	W	60.9	81.8	76.3	68.2
June 1993 .....	W	67.0	66.7	W	-	64.2	81.2	67.0	65.6	83.0	80.9	70.5
July 1992 .....	W	W	71.5	W	W	68.5	W	W	70.2	90.4	89.5	77.0
<b>Tennessee</b>												
July 1993 .....	78.4	59.4	59.3	74.6	56.4	54.2	77.1	58.8	58.7	74.9	65.4	64.8
June 1993 .....	79.8	63.6	63.5	80.1	63.0	58.7	79.9	63.5	62.9	75.8	68.1	67.7
July 1992 .....	83.8	66.7	67.5	80.9	64.7	62.7	82.8	66.2	66.8	80.4	74.1	71.9
<b>Wisconsin</b>												
July 1993 .....	72.1	58.1	59.3	W	W	56.1	72.0	57.8	58.3	75.1	74.7	62.5
June 1993 .....	76.0	63.9	64.1	W	W	60.6	76.0	63.7	62.9	77.7	77.1	65.5
July 1992 .....	83.7	66.0	67.9	W	W	64.5	82.6	65.3	66.9	83.4	81.0	68.5
<b>PAD District III Average</b>												
July 1993 .....	80.7	61.0	59.7	77.9	54.4	54.6	79.4	58.8	57.9	77.1	69.4	63.6
June 1993 .....	82.1	65.1	63.2	79.1	59.6	58.7	80.9	63.6	61.4	78.2	72.9	65.9
July 1992 .....	85.7	67.1	66.7	82.5	65.8	63.1	84.4	66.8	65.6	81.5	76.8	70.6
<b>Alabama</b>												
July 1993 .....	78.9	57.8	58.7	75.2	W	54.6	78.1	57.8	58.0	78.7	70.5	68.4
June 1993 .....	80.1	61.8	62.8	78.5	W	58.8	79.7	61.8	62.0	80.1	72.5	70.6
July 1992 .....	83.3	66.0	66.9	81.7	W	63.3	82.9	66.0	66.2	83.9	78.8	76.7
<b>Arkansas</b>												
July 1993 .....	79.3	W	58.0	W	W	54.5	76.7	57.6	56.6	75.3	65.7	60.8
June 1993 .....	78.7	W	62.5	W	W	58.4	78.3	62.4	60.6	76.5	67.9	64.3
July 1992 .....	83.2	66.3	66.3	W	W	62.6	80.1	65.9	64.9	78.3	75.5	68.0
<b>Louisiana</b>												
July 1993 .....	81.0	57.7	60.9	77.7	61.8	55.0	80.4	58.0	59.3	77.0	70.1	65.6
June 1993 .....	81.5	62.6	64.5	79.4	71.1	59.2	81.1	62.8	62.7	78.2	73.1	67.0
July 1992 .....	86.1	65.7	66.6	83.4	69.6	62.9	85.6	66.0	66.9	79.8	79.2	75.4
<b>Mississippi</b>												
July 1993 .....	W	59.0	56.8	76.7	53.6	54.1	75.7	55.6	56.1	75.1	69.9	63.1
June 1993 .....	W	63.5	60.6	80.1	58.4	57.5	78.5	60.6	59.6	77.1	72.6	68.6
July 1992 .....	W	66.1	65.3	80.2	62.8	61.6	80.6	64.5	64.0	80.8	77.8	68.7
<b>New Mexico</b>												
July 1993 .....	87.8	76.5	71.4	91.9	72.5	66.1	90.6	76.7	69.0	86.5	80.5	73.8
June 1993 .....	89.0	77.0	73.3	91.3	72.9	69.1	90.6	76.2	71.3	86.4	82.7	76.9
July 1992 .....	88.2	W	75.3	92.7	73.9	73.0	91.3	75.6	74.3	86.5	84.1	81.6
<b>Texas</b>												
July 1993 .....	80.8	61.7	59.8	76.1	W	53.9	79.0	57.8	57.3	76.2	68.4	62.8
June 1993 .....	82.4	65.8	63.0	78.1	58.7	58.2	80.6	63.1	60.9	77.1	73.9	64.6
July 1992 .....	86.0	67.5	66.0	82.0	65.6	62.5	84.4	66.9	64.9	81.5	73.9	69.2
<b>PAD District IV Average</b>												
July 1993 .....	80.3	67.5	67.4	82.2	68.0	64.0	81.1	67.7	66.1	80.5	77.7	69.7
June 1993 .....	82.3	69.3	70.0	84.7	70.5	67.6	83.4	70.0	69.1	81.8	79.0	71.6
July 1992 .....	91.1	81.9	81.4	92.1	88.4	79.3	91.5	88.0	80.6	92.1	89.0	83.6

See footnotes at end of table.

**Table 30. Refiner/Reseller Total Motor Gasoline Prices  
by Seller, PAD District, and State (Continued)**  
(Cents per Gallon Excluding Taxes)

Geographic Area Month	Major Refiners			Other Refiners			All Refiners			Resellers		
	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale
	Through Company Outlets	Other End Users		Through Company Outlets	Other End Users		Through Company Outlets	Other End Users		Through Company Outlets	Other End Users	
<b>Colorado</b>												
July 1993	82.4	W	84.5	82.3	W	59.3	82.4	W	62.4	81.8	75.1	66.1
June 1993	83.3	W	88.5	84.9	W	64.1	84.1	W	68.8	83.2	77.8	68.9
July 1992	91.5	78.5	81.0	91.9	W	76.4	91.7	80.3	79.0	92.0	87.5	81.6
<b>Idaho</b>												
July 1993	-	W	88.9	W	-	87.9	W	W	88.6	77.6	78.4	73.9
June 1993	-	W	70.1	W	-	89.2	W	W	69.8	77.5	78.2	73.6
July 1992	W	W	82.3	W	-	81.7	92.9	W	82.1	90.5	89.4	85.9
<b>Montana</b>												
July 1993	-	W	72.3	W	NA	71.8	W	NA	72.1	88.4	84.1	73.5
June 1993	-	W	73.7	W	70.6	73.1	W	70.7	73.5	86.9	82.6	74.8
July 1992	W	W	85.3	W	112.3	84.4	W	111.0	84.9	96.3	91.4	83.6
<b>Utah</b>												
July 1993	75.1	68.7	66.7	W	W	64.2	75.1	66.8	65.9	76.5	73.8	70.2
June 1993	79.6	W	68.7	W	W	67.0	79.5	69.6	88.2	79.4	74.5	72.3
July 1992	88.4	79.9	78.6	W	W	77.9	88.4	80.4	78.4	88.0	85.6	82.9
<b>Wyoming</b>												
July 1993	W	73.4	67.9	84.0	W	65.0	83.1	73.0	66.5	85.8	79.3	68.2
June 1993	W	75.5	70.7	86.7	W	68.9	85.7	74.0	69.8	87.0	81.2	73.5
July 1992	W	86.3	82.4	96.9	W	81.2	85.3	84.9	81.8	99.2	92.9	85.6
<b>PAD District V Average</b>												
July 1993	83.4	69.3	72.5	82.2	NA	61.4	83.1	72.6	70.8	85.5	77.3	69.0
June 1993	83.3	72.6	74.8	84.9	79.2	65.0	83.7	74.9	73.3	85.6	78.6	72.3
July 1992	92.5	77.0	82.0	91.6	83.6	70.0	92.3	79.2	79.9	92.3	86.4	78.3
<b>Alaska</b>												
July 1993	W	W	77.0	100.3	NA	W	99.6	NA	75.5	120.9	104.4	88.6
June 1993	W	W	77.0	99.9	W	W	99.2	82.1	76.1	118.4	107.0	88.6
July 1992	W	W	81.2	105.1	103.4	W	104.0	103.3	80.3	NA	107.1	93.9
<b>Arizona</b>												
July 1993	86.1	71.7	74.8	W	W	66.0	86.4	72.8	73.8	87.4	72.6	76.3
June 1993	85.2	74.5	78.0	W	W	69.7	85.6	74.8	75.2	85.9	75.9	77.7
July 1992	90.3	78.4	80.9	W	78.2	74.0	90.5	78.3	79.9	90.2	83.0	81.4
<b>California</b>												
July 1993	83.3	67.9	72.4	77.6	W	59.8	81.6	67.8	70.4	81.0	75.7	66.0
June 1993	83.3	71.4	75.0	81.6	W	63.4	82.8	71.0	73.1	81.6	77.9	69.9
July 1992	93.4	75.8	82.8	88.3	71.9	67.9	91.9	75.1	80.0	91.4	85.1	74.5
<b>Hawaii</b>												
July 1993	W	W	97.6	W	W	W	107.4	W	96.1	118.7	97.8	105.8
June 1993	W	W	99.3	W	W	W	107.5	W	97.9	118.9	101.2	108.6
July 1992	W	W	W	W	W	W	108.6	80.9	93.3	W	112.9	106.4
<b>Nevada</b>												
July 1993	W	68.5	68.9	W	W	64.9	78.2	68.0	68.2	87.2	72.6	64.8
June 1993	W	71.6	71.0	W	W	67.7	78.2	70.5	70.4	87.7	74.2	67.4
July 1992	86.2	77.8	78.0	W	W	73.8	86.5	77.9	78.1	93.8	81.6	76.1
<b>Oregon</b>												
July 1993	87.0	68.1	71.3	W	W	NA	87.6	70.4	69.9	86.1	79.6	76.8
June 1993	87.1	72.6	73.5	W	W	NA	87.7	74.4	72.9	86.6	82.5	77.6
July 1992	95.4	77.3	78.6	W	W	75.0	96.6	83.6	78.2	94.4	88.4	83.3
<b>Washington</b>												
July 1993	79.1	67.9	70.2	W	W	63.5	80.0	67.8	69.5	82.0	78.8	71.9
June 1993	79.4	70.5	72.2	W	-	68.0	80.2	70.5	71.8	82.9	80.4	73.9
July 1992	89.3	77.7	78.8	W	W	77.2	90.2	77.6	79.5	90.9	88.2	82.6

Dashes (-) = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

Note: Values shown for the current month are preliminary. Values shown for previous month are revised. Data are final upon publication in the Petroleum Marketing Annual.

Sources: Refiners and Gas Plant Operators: Energy Information Administration Form EIA-782A, "Refiners/Gas Plant Operators' Monthly Petroleum Product Sales Report," Resellers: Energy Information Administration Form EIA-782B, "Reseller/Retailers' Monthly Petroleum Product Sales Report."



**Table 31. Refiner/Reseller Loaded Regular Gasoline Prices  
by Seller, PAD District, and State**  
(Cents per Gallon Excluding Taxes)

Geographic Area Month	Major Refiners			Other Refiners			All Refiners			Resellers		
	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale
	Through Company Outlets	Other End Users		Through Company Outlets	Other End Users		Through Company Outlets	Other End Users		Through Company Outlets	Other End Users	
<b>U.S. Average</b>												
July 1993 .....	74.5	75.7	68.1	84.4	NA	64.4	77.8	75.2	67.0	80.6	78.7	71.6
June 1993 .....	74.8	78.4	70.2	85.6	NA	68.1	78.2	77.7	69.5	81.2	80.4	73.3
July 1992 .....	84.9	80.2	77.9	90.8	NA	75.8	88.9	78.4	77.3	87.9	87.1	81.0
<b>PAD District I Average</b>												
July 1993 .....	-	W	W	-	-	-	-	W	W	73.5	NA	NA
June 1993 .....	-	W	W	-	-	-	-	W	W	74.4	NA	NA
July 1992 .....	-	W	W	-	-	W	-	W	71.9	81.5	82.8	NA
<b>Subdistrict IA Average</b>												
July 1993 .....	-	-	-	-	-	-	-	-	-	-	W	W
June 1993 .....	-	-	-	-	-	-	-	-	-	-	W	W
July 1992 .....	-	-	-	-	-	-	-	-	-	-	NA	W
<b>Connecticut</b>												
July 1993 .....	-	-	-	-	-	-	-	-	-	-	-	-
June 1993 .....	-	-	-	-	-	-	-	-	-	-	-	-
July 1992 .....	-	-	-	-	-	-	-	-	-	-	-	-
<b>Maine</b>												
July 1993 .....	-	-	-	-	-	-	-	-	-	-	-	-
June 1993 .....	-	-	-	-	-	-	-	-	-	-	-	-
July 1992 .....	-	-	-	-	-	-	-	-	-	-	-	-
<b>Massachusetts</b>												
July 1993 .....	-	-	-	-	-	-	-	-	-	-	-	-
June 1993 .....	-	-	-	-	-	-	-	-	-	-	-	-
July 1992 .....	-	-	-	-	-	-	-	-	-	-	W	-
<b>New Hampshire</b>												
July 1993 .....	-	-	-	-	-	-	-	-	-	-	-	-
June 1993 .....	-	-	-	-	-	-	-	-	-	-	-	-
July 1992 .....	-	-	-	-	-	-	-	-	-	-	-	-
<b>Rhode Island</b>												
July 1993 .....	-	-	-	-	-	-	-	-	-	-	W	-
June 1993 .....	-	-	-	-	-	-	-	-	-	-	NA	-
July 1992 .....	-	-	-	-	-	-	-	-	-	-	-	-
<b>Vermont</b>												
July 1993 .....	-	-	-	-	-	-	-	-	-	-	W	W
June 1993 .....	-	-	-	-	-	-	-	-	-	-	W	W
July 1992 .....	-	-	-	-	-	-	-	-	-	-	W	W
<b>Subdistrict IB Average</b>												
July 1993 .....	-	W	W	-	-	-	-	W	W	NA	NA	NA
June 1993 .....	-	W	W	-	-	-	-	W	W	NA	NA	NA
July 1992 .....	-	W	W	-	-	-	-	W	W	W	NA	NA
<b>Delaware</b>												
July 1993 .....	-	-	-	-	-	-	-	-	-	-	-	-
June 1993 .....	-	-	-	-	-	-	-	-	-	-	-	-
July 1992 .....	-	-	-	-	-	-	-	-	-	-	-	-
<b>District of Columbia</b>												
July 1993 .....	-	-	-	-	-	-	-	-	-	-	-	-
June 1993 .....	-	-	-	-	-	-	-	-	-	-	-	-
July 1992 .....	-	-	-	-	-	-	-	-	-	-	-	-
<b>Maryland</b>												
July 1993 .....	-	-	-	-	-	-	-	-	-	-	-	-
June 1993 .....	-	-	-	-	-	-	-	-	-	-	W	-
July 1992 .....	-	-	-	-	-	-	-	-	-	-	-	-
<b>New Jersey</b>												
July 1993 .....	-	-	-	-	-	-	-	-	-	-	W	NA
June 1993 .....	-	-	-	-	-	-	-	-	-	-	W	NA
July 1992 .....	-	-	-	-	-	-	-	-	-	-	W	NA
<b>New York</b>												
July 1993 .....	-	W	W	-	-	-	-	W	W	NA	NA	NA
June 1993 .....	-	W	W	-	-	-	-	W	W	NA	NA	NA
July 1992 .....	-	W	W	-	-	-	-	W	W	W	W	W
<b>Pennsylvania</b>												
July 1993 .....	-	W	W	-	-	-	-	W	W	W	NA	W
June 1993 .....	-	W	W	-	-	-	-	W	W	W	NA	W
July 1992 .....	-	W	W	-	-	-	-	W	W	-	81.1	W

See footnotes at end of table.

**Table 31. Refiner/Reseller Leaded Regular Gasoline Prices  
by Seller, PAD District, and State (Continued)**  
(Cents per Gallon Excluding Taxes)

Geographic Area Month	Major Refiners			Other Refiners			All Refiners			Resellers		
	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale
	Through Company Outlets	Other End Users		Through Company Outlets	Other End Users		Through Company Outlets	Other End Users		Through Company Outlets	Other End Users	
<b>Subdistrict IC Average</b>												
July 1993	-	W	-	-	-	-	-	W	-	W	W	-
June 1993	-	W	-	-	-	-	-	W	-	W	W	-
July 1992	-	W	-	-	-	W	-	W	W	74.8	W	W
<b>Florida</b>												
July 1993	-	-	-	-	-	-	-	-	-	-	-	-
June 1993	-	-	-	-	-	-	-	-	-	-	-	-
July 1992	-	-	-	-	-	-	-	-	-	W	-	-
<b>Georgia</b>												
July 1993	-	-	-	-	-	-	-	-	-	W	-	-
June 1993	-	-	-	-	-	-	-	-	-	74.8	-	-
July 1992	-	-	-	-	-	-	-	-	-	W	-	-
<b>North Carolina</b>												
July 1993	-	-	-	-	-	-	-	-	-	-	W	-
June 1993	-	-	-	-	-	-	-	-	-	-	W	-
July 1992	-	-	-	-	-	-	-	-	-	W	-	-
<b>South Carolina</b>												
July 1993	-	-	-	-	-	-	-	-	-	-	-	-
June 1993	-	-	-	-	-	-	-	-	-	-	-	-
July 1992	-	-	-	-	-	-	-	-	-	-	-	-
<b>Virginia</b>												
July 1993	-	-	-	-	-	-	-	-	-	-	-	-
June 1993	-	-	-	-	-	-	-	-	-	-	-	-
July 1992	-	-	-	-	-	W	-	-	W	-	W	W
<b>West Virginia</b>												
July 1993	-	W	-	-	-	-	-	W	-	-	-	-
June 1993	-	W	-	-	-	-	-	W	-	-	-	-
July 1992	-	W	-	-	-	W	-	W	W	-	-	-
<b>PAD District II Average</b>												
July 1993	W	W	67.1	W	-	59.8	77.7	W	61.3	79.8	78.8	65.2
June 1993	W	W	70.6	W	-	64.4	81.8	W	65.5	82.5	81.4	69.9
July 1992	W	W	73.4	82.1	-	68.2	83.2	W	69.3	85.5	86.0	72.3
<b>Illinois</b>												
July 1993	-	-	-	-	-	W	-	-	W	80.2	80.9	63.1
June 1993	-	-	-	-	-	W	-	-	W	83.3	85.4	69.0
July 1992	-	-	-	-	-	W	-	-	W	83.2	81.0	78.0
<b>Indiana</b>												
July 1993	-	W	-	-	-	W	-	W	W	81.3	80.5	75.0
June 1993	-	W	-	-	-	W	-	W	W	82.3	83.9	70.7
July 1992	-	W	-	-	-	W	-	W	W	87.7	84.6	71.9
<b>Iowa</b>												
July 1993	-	-	-	W	-	-	W	-	-	73.4	73.4	65.7
June 1993	-	-	-	W	-	-	W	-	-	79.0	78.0	72.6
July 1992	-	-	-	W	-	-	W	-	-	84.7	82.3	69.2
<b>Kansas</b>												
July 1993	-	-	-	-	-	W	-	-	W	73.6	NA	NA
June 1993	-	-	-	-	-	66.7	-	-	66.7	77.3	W	78.3
July 1992	-	-	-	W	-	W	W	-	W	80.7	83.2	69.3
<b>Kentucky</b>												
July 1993	-	W	W	W	-	W	W	W	W	W	-	-
June 1993	-	W	W	W	-	W	W	W	W	W	-	-
July 1992	-	W	W	W	-	W	W	W	W	W	-	-
<b>Michigan</b>												
July 1993	-	-	W	-	-	W	-	-	W	85.0	80.6	66.5
June 1993	-	-	67.3	-	-	W	-	-	64.9	87.0	83.8	70.9
July 1992	-	-	67.6	W	-	W	W	-	67.8	88.8	86.5	75.2
<b>Minnesota</b>												
July 1993	W	-	-	W	-	-	W	-	-	79.6	78.7	63.7
June 1993	W	-	-	W	-	-	W	-	-	83.1	79.7	67.6
July 1992	W	-	-	W	-	-	W	-	-	87.0	87.8	71.2
<b>Missouri</b>												
July 1993	-	-	-	-	-	-	-	-	-	76.6	74.9	60.6
June 1993	-	-	-	-	-	-	-	-	-	80.4	78.2	65.5
July 1992	-	-	-	W	-	-	W	-	-	80.1	84.0	75.7

See footnotes at end of table.

**Table 31. Refiner/Reseller Leaded Regular Gasoline Prices  
by Seller, PAD District, and State (Continued)**  
(Cents per Gallon Excluding Taxes)

Geographic Area Month	Major Refiners			Other Refiners			All Refiners			Resellers		
	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale
	Through Company Outlets	Other End Users		Through Company Outlets	Other End Users		Through Company Outlets	Other End Users		Through Company Outlets	Other End Users	
<b>Nebraska</b>												
July 1993	-	-	W	W	-	W	W	-	59.1	79.4	71.1	59.3
June 1993	-	-	W	-	-	W	W	-	64.5	81.7	76.9	63.7
July 1992	-	-	W	W	-	73.5	W	-	73.6	81.8	78.0	69.3
<b>North Dakota</b>												
July 1993	-	-	W	W	-	W	W	-	61.7	87.9	85.2	72.5
June 1993	-	-	W	-	-	W	-	-	65.9	89.3	86.7	71.0
July 1992	W	-	W	W	-	72.5	W	-	72.8	92.7	89.3	74.9
<b>Ohio</b>												
July 1993	-	W	W	-	-	-	-	W	W	NA	NA	W
June 1993	-	W	W	-	-	-	-	W	W	NA	NA	-
July 1992	-	W	W	-	-	-	-	W	W	81.5	NA	W
<b>Oklahoma</b>												
July 1993	-	-	-	-	-	W	-	-	W	74.2	-	-
June 1993	-	-	-	-	-	63.0	-	-	63.0	75.1	-	-
July 1992	W	-	W	W	-	64.3	W	-	64.2	76.4	W	68.2
<b>South Dakota</b>												
July 1993	-	-	W	-	-	64.8	-	-	64.6	86.5	NA	68.1
June 1993	-	-	W	-	-	70.0	-	-	69.7	87.6	80.6	72.2
July 1992	-	-	W	-	-	78.9	-	-	79.0	95.1	92.4	82.1
<b>Tennessee</b>												
July 1993	-	-	-	-	-	-	-	-	-	W	-	-
June 1993	-	-	-	-	-	-	-	-	-	W	-	-
July 1992	-	-	-	-	-	W	-	-	W	W	-	-
<b>Wisconsin</b>												
July 1993	-	-	-	-	-	-	-	-	-	79.7	75.8	59.1
June 1993	-	-	-	-	-	-	-	-	-	81.2	80.2	65.7
July 1992	-	-	-	-	-	-	-	-	-	85.4	91.0	69.9
<b>PAD District III Average</b>												
July 1993	W	-	70.0	91.7	-	66.1	91.6	-	67.3	82.3	80.8	74.6
June 1993	W	-	72.1	91.0	W	68.4	91.0	W	69.4	82.6	84.2	77.9
July 1992	W	-	74.8	88.7	W	72.1	88.0	W	73.2	85.1	85.4	82.2
<b>Alabama</b>												
July 1993	-	-	-	-	-	-	-	-	-	W	-	-
June 1993	-	-	-	-	-	-	-	-	-	W	-	-
July 1992	-	-	-	-	-	-	-	-	-	W	-	-
<b>Arkansas</b>												
July 1993	-	-	-	-	-	W	-	-	W	W	-	W
June 1993	-	-	-	-	-	W	-	-	W	W	-	W
July 1992	-	-	-	-	-	W	-	-	W	75.3	W	W
<b>Louisiana</b>												
July 1993	-	-	-	-	-	-	-	-	-	76.9	-	-
June 1993	-	-	-	-	-	-	-	-	-	79.0	-	-
July 1992	-	-	-	-	-	-	-	-	-	W	W	-
<b>Mississippi</b>												
July 1993	-	-	-	-	-	-	-	-	-	W	-	-
June 1993	-	-	-	-	-	-	-	-	-	W	-	-
July 1992	-	-	-	-	-	-	-	-	-	W	-	-
<b>New Mexico</b>												
July 1993	W	-	70.8	91.6	-	67.0	91.6	-	68.1	86.8	83.8	75.8
June 1993	W	-	72.7	90.7	W	69.5	90.7	W	70.4	85.5	87.3	78.6
July 1992	W	-	75.5	90.4	W	73.2	90.4	W	74.1	86.1	85.8	82.9
<b>Texas</b>												
July 1993	-	-	68.6	W	-	82.7	W	-	65.3	78.1	77.6	68.9
June 1993	W	-	71.2	W	-	86.6	W	-	67.7	80.2	80.5	72.5
July 1992	W	-	73.0	W	W	69.3	83.2	W	70.8	83.9	W	75.9
<b>PAD District IV Average</b>												
July 1993	W	72.4	67.7	83.0	W	66.1	81.9	71.1	66.9	80.8	79.1	71.0
June 1993	W	W	69.8	85.0	W	69.0	83.9	69.5	69.4	81.7	79.5	72.0
July 1992	92.5	85.5	81.1	92.7	W	80.4	92.6	84.3	80.8	93.1	89.9	84.4

See footnotes at end of table.

**Table 31. Refiner/Reseller Ledged Regular Gasoline Prices  
by Seller, PAD District, and State (Continued)**  
(Cents per Gallon Excluding Taxes)

Geographic Area Month	Major Refiners			Other Refiners			All Refiners			Resellers		
	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale
	Through Company Outlets	Other End Users		Through Company Outlets	Other End Users		Through Company Outlets	Other End Users		Through Company Outlets	Other End Users	
<b>Colorado</b>												
July 1993	W	-	65.7	84.5	-	61.8	84.5	-	62.3	84.6	82.1	68.8
June 1993	W	-	69.6	86.6	-	66.1	86.5	-	66.6	85.8	82.8	69.3
July 1992	W	W	81.8	92.6	-	78.0	92.8	W	79.3	95.4	89.9	84.1
<b>Idaho</b>												
July 1993	-	W	67.7	W	-	67.3	W	W	67.5	77.0	78.7	72.9
June 1993	-	W	69.0	W	-	68.7	W	W	68.8	76.4	78.5	72.6
July 1992	W	W	81.2	W	-	81.3	90.7	W	81.3	90.0	89.4	85.4
<b>Montana</b>												
July 1993	-	-	W	W	-	71.1	W	-	70.9	85.5	84.9	72.4
June 1993	-	-	W	W	-	72.3	W	-	72.3	85.9	82.9	74.0
July 1992	W	-	85.0	W	-	84.7	W	-	84.9	96.0	92.4	83.9
<b>Utah</b>												
July 1993	W	W	64.1	W	W	63.3	W	W	63.7	76.5	72.4	67.8
June 1993	W	W	66.7	W	W	66.6	W	W	66.6	79.9	NA	71.0
July 1992	W	W	76.4	W	W	77.3	W	W	76.8	89.2	83.0	82.3
<b>Wyoming</b>												
July 1993	W	W	66.5	84.1	-	65.7	83.0	W	W	85.9	75.3	67.8
June 1993	W	-	69.4	86.4	-	69.5	85.4	-	W	86.9	76.7	72.4
July 1992	W	W	83.3	96.0	W	81.6	94.1	W	W	98.6	90.9	84.7
<b>PAD District V Average</b>												
July 1993	74.4	W	68.1	82.7	W	63.8	76.3	74.2	67.4	80.1	78.2	73.5
June 1993	74.6	W	70.2	83.7	W	68.2	78.4	74.9	69.9	80.1	80.2	74.8
July 1992	83.6	75.0	77.3	92.2	NA	75.6	85.6	74.6	77.1	86.9	86.2	81.6
<b>Alaska</b>												
July 1993	W	-	W	W	W	W	W	W	78.8	W	NA	93.8
June 1993	W	-	W	W	W	W	W	W	79.0	W	NA	94.2
July 1992	W	-	83.6	W	W	W	W	W	83.8	NA	NA	98.1
<b>Arizona</b>												
July 1993	78.3	W	71.8	W	W	68.3	79.1	W	70.7	81.9	74.4	75.2
June 1993	77.9	W	73.5	W	W	69.9	78.8	W	72.7	80.9	77.9	75.9
July 1992	84.0	78.2	78.1	W	W	74.1	84.6	74.4	77.4	85.2	78.8	79.2
<b>California</b>												
July 1993	W	-	-	-	-	NA	W	-	NA	-	-	W
June 1993	W	-	-	-	-	NA	W	-	NA	-	-	W
July 1992	W	-	NA	-	-	-	W	-	NA	-	W	81.3
<b>Hawaii</b>												
July 1993	-	-	-	-	-	-	-	-	-	-	-	-
June 1993	-	-	-	-	-	-	-	-	-	-	-	-
July 1992	-	-	-	-	-	-	-	-	-	-	-	-
<b>Nevada</b>												
July 1993	-	-	65.0	-	-	W	-	-	64.9	83.1	86.5	W
June 1993	-	-	67.3	-	-	W	-	-	67.4	83.7	87.3	NA
July 1992	-	-	78.8	-	-	W	-	-	78.7	92.2	W	88.5
<b>Oregon</b>												
July 1993	79.1	W	67.7	W	-	NA	80.8	W	66.8	81.7	77.9	73.9
June 1993	79.6	W	70.1	W	-	NA	81.3	W	69.6	82.1	79.9	75.4
July 1992	88.5	W	76.3	W	-	W	90.7	W	76.0	88.6	88.1	82.8
<b>Washington</b>												
July 1993	70.5	W	66.6	W	-	63.0	72.6	W	68.1	75.7	78.7	69.9
June 1993	70.8	W	68.7	W	-	67.5	72.7	W	68.5	76.1	80.4	71.4
July 1992	81.7	W	77.4	W	W	76.9	83.8	74.0	77.4	85.7	86.7	80.4

Dashes (-) = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

Note: Values shown for the current month are preliminary. Values shown for previous month are revised. Data are final upon publication in the Petroleum Marketing Annual.

Sources: Refiners and Gas Plant Operators: Energy Information Administration Form EIA-782A, "Refiners/Gas Plant Operators' Monthly Petroleum Product Sales Report;" Resellers: Energy Information Administration Form EIA-782B, "Reseller/Retailers' Monthly Petroleum Product Sales Report."

**Table 32. Refiner/Reseller Unleaded Regular Gasoline Prices  
by Seller, PAD District, and State**  
(Cents per Gallon Excluding Taxes)

Geographic Area Month	Major Refiners			Other Refiners			All Refiners			Resellers		
	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale
	Through Company Outlets	Other End Users		Through Company Outlets	Other End Users		Through Company Outlets	Other End Users		Through Company Outlets	Other End Users	
<b>U.S. Average</b>												
July 1993	73.2	61.6	60.5	73.1	65.2	55.7	73.1	62.6	59.3	73.6	70.4	61.4
June 1993	75.5	65.9	64.0	75.6	68.5	59.8	75.6	66.6	62.9	75.3	73.0	64.5
July 1992	79.3	69.1	68.7	79.6	73.7	64.5	79.4	70.3	67.7	80.0	76.2	69.2
<b>PAD District I Average</b>												
July 1993	71.5	58.0	59.6	71.6	60.0	54.3	71.5	58.7	58.9	72.2	66.6	60.0
June 1993	72.7	62.7	62.8	72.8	63.2	58.5	72.7	62.8	62.2	73.3	69.0	62.9
July 1992	77.2	66.1	67.7	77.9	66.7	62.3	77.3	66.3	66.9	78.9	73.9	68.1
<b>Subdistrict IA Average</b>												
July 1993	75.2	W	61.3	-	W	55.1	75.2	56.5	61.1	75.4	65.4	58.7
June 1993	76.3	W	64.6	-	W	60.7	76.3	59.4	64.0	76.7	67.0	63.6
July 1992	83.8	68.9	71.1	-	W	61.1	83.8	64.4	69.3	84.2	72.6	69.8
<b>Connecticut</b>												
July 1993	W	W	62.0	-	W	W	W	55.9	61.8	74.3	62.8	NA
June 1993	78.1	W	64.6	-	W	NA	78.1	59.8	64.5	75.9	65.2	66.3
July 1992	W	66.5	70.2	-	W	W	W	63.3	70.0	82.6	73.2	70.6
<b>Maine</b>												
July 1993	-	W	58.2	-	W	W	-	57.1	58.1	80.7	70.3	61.0
June 1993	-	W	61.6	-	W	W	-	60.1	61.0	81.0	72.0	64.4
July 1992	-	70.0	68.6	-	W	W	-	66.9	68.0	85.2	78.1	71.3
<b>Massachusetts</b>												
July 1993	75.4	W	61.8	-	W	W	75.4	56.6	61.5	73.0	61.7	57.1
June 1993	76.9	W	65.5	-	W	59.0	76.9	58.8	64.6	74.6	62.9	61.1
July 1992	85.1	69.0	72.4	-	W	60.8	85.1	64.2	68.8	83.7	68.9	67.5
<b>New Hampshire</b>												
July 1993	75.4	W	62.0	-	W	W	75.4	54.8	61.7	76.4	68.9	63.5
June 1993	76.2	59.4	65.1	-	W	W	76.2	59.1	64.4	78.6	70.8	68.5
July 1992	83.1	67.4	71.5	-	W	W	83.1	63.0	71.0	85.4	77.5	74.5
<b>Rhode Island</b>												
July 1993	70.9	W	60.7	-	W	W	70.9	57.0	60.2	72.0	62.3	56.6
June 1993	71.0	W	64.2	-	W	W	71.0	60.9	63.7	72.7	64.7	59.5
July 1992	81.6	W	71.6	-	W	W	81.6	67.4	69.8	83.4	66.1	68.2
<b>Vermont</b>												
July 1993	-	-	W	-	W	W	-	W	63.7	80.6	71.6	68.6
June 1993	-	W	W	-	W	W	-	W	66.6	81.3	74.1	71.1
July 1992	-	W	W	-	-	W	-	W	72.4	87.9	77.8	77.7
<b>Subdistrict IB Average</b>												
July 1993	71.3	58.7	60.9	72.8	61.2	55.3	71.8	59.8	60.1	71.8	66.6	59.2
June 1993	72.1	62.8	63.5	73.0	63.3	58.7	72.3	63.0	62.8	72.3	68.9	61.4
July 1992	79.2	66.7	69.3	79.4	69.2	63.2	79.3	67.8	68.4	79.8	73.7	65.8
<b>Delaware</b>												
July 1993	W	W	59.7	-	-	W	W	W	58.1	67.8	66.6	62.0
June 1993	W	W	61.7	-	-	W	W	W	61.1	69.5	66.9	65.1
July 1992	W	W	69.4	-	-	60.3	W	W	68.6	77.4	71.9	65.8
<b>District of Columbia</b>												
July 1993	-	W	67.8	-	-	W	-	W	67.7	W	58.9	59.3
June 1993	-	W	69.8	-	-	W	-	W	69.7	W	63.0	60.2
July 1992	-	W	75.4	-	-	W	-	W	74.5	W	68.2	W
<b>Maryland</b>												
July 1993	-	57.7	61.5	NA	W	W	NA	57.1	61.8	70.7	64.2	60.6
June 1993	-	61.8	64.6	W	W	W	W	61.8	64.9	71.7	67.0	63.6
July 1992	-	64.7	70.7	-	W	74.1	-	64.5	71.1	77.7	71.6	69.1
<b>New Jersey</b>												
July 1993	74.6	57.0	61.6	W	W	53.2	74.8	57.0	60.1	71.0	65.5	55.3
June 1993	75.8	61.6	63.7	W	W	55.9	75.9	61.1	62.4	73.1	66.3	58.4
July 1992	83.1	64.7	70.2	W	W	61.4	83.3	64.9	68.0	80.0	72.7	62.9
<b>New York</b>												
July 1993	71.2	60.6	62.4	W	W	54.9	70.4	60.5	61.5	75.1	64.9	60.4
June 1993	71.5	63.8	64.9	W	W	58.7	70.8	63.1	64.1	75.6	67.6	63.4
July 1992	78.2	67.7	69.6	W	W	63.1	77.2	67.6	69.1	81.2	72.9	68.5
<b>Pennsylvania</b>												
July 1993	69.4	59.2	58.5	77.3	62.8	55.4	71.3	61.6	58.0	69.0	70.4	62.6
June 1993	70.4	63.8	61.4	77.7	64.3	58.8	72.2	64.2	61.0	69.2	72.7	64.8
July 1992	76.2	69.3	67.6	84.0	70.2	62.8	79.6	69.9	67.0	79.3	76.2	68.4

See footnotes at end of table

**Table 32. Refiner/Reseller Unleaded Regular Gasoline Prices  
by Seller, PAD District, and State (Continued)**  
(Cents per Gallon Excluding Taxes)

Geographic Area Month	Major Refiners			Other Refiners			All Refiners			Resellers		
	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale
	Through Company Outlets	Other End Users		Through Company Outlets	Other End Users		Through Company Outlets	Other End Users		Through Company Outlets	Other End Users	
<b>Subdistrict IC Average</b>												
July 1993	71.3	57.9	57.9	70.8	59.5	53.3	71.2	58.3	57.3	71.5	66.8	61.5
June 1993	72.7	63.2	61.7	72.7	65.7	57.6	72.7	63.8	61.2	72.9	69.3	64.4
July 1992	75.5	65.4	65.3	76.8	66.5	61.9	75.7	65.6	64.8	77.3	74.3	69.8
<b>Florida</b>												
July 1993	73.0	56.9	60.7	72.0	W	53.9	72.9	56.7	59.8	73.6	67.3	62.3
June 1993	74.5	61.5	64.3	76.1	W	57.8	74.7	61.2	63.3	75.1	72.1	65.8
July 1992	75.3	64.7	66.9	77.8	W	62.2	75.6	64.6	66.2	80.3	75.6	70.2
<b>Georgia</b>												
July 1993	68.3	57.6	56.6	69.5	-	53.1	68.5	57.6	56.1	70.3	69.1	59.6
June 1993	69.5	63.2	60.5	71.4	-	57.3	69.7	63.2	60.1	71.7	70.9	62.8
July 1992	73.1	67.5	64.4	74.5	W	61.7	73.3	67.5	64.0	76.5	73.9	70.6
<b>North Carolina</b>												
July 1993	69.3	56.7	55.5	W	W	52.5	68.8	56.7	55.2	69.7	63.4	62.2
June 1993	70.9	61.3	59.8	W	-	57.4	70.4	61.3	59.5	71.3	66.1	65.1
July 1992	75.9	63.9	63.6	W	-	61.6	75.6	63.9	63.4	75.0	73.1	68.4
<b>South Carolina</b>												
July 1993	66.3	56.4	55.4	W	W	52.7	66.2	56.3	55.1	69.7	68.4	59.4
June 1993	67.8	61.3	59.4	W	W	57.3	67.8	61.2	59.2	71.2	66.2	61.8
July 1992	73.4	68.0	63.8	W	-	61.8	73.4	66.0	63.6	76.3	72.2	70.4
<b>Virginia</b>												
July 1993	75.8	59.6	59.2	W	55.4	53.2	72.7	57.9	58.6	71.9	65.7	62.9
June 1993	77.7	65.4	62.7	W	59.8	57.6	74.4	63.4	62.1	73.0	68.7	65.6
July 1992	79.3	64.5	66.5	W	W	61.7	78.3	64.1	66.0	77.1	75.9	68.6
<b>West Virginia</b>												
July 1993	80.6	65.8	59.6	W	W	54.6	79.1	65.3	58.5	74.6	65.8	66.9
June 1993	81.3	72.2	64.5	W	W	60.0	79.5	73.7	63.5	75.1	70.1	69.8
July 1992	84.8	74.4	68.2	W	W	62.9	83.1	73.3	66.9	79.9	73.7	74.2
<b>PAD District II Average</b>												
July 1993	71.2	62.1	57.5	69.0	58.9	55.5	70.8	61.8	56.9	72.3	71.1	60.8
June 1993	75.3	66.6	62.4	72.8	63.4	60.2	74.5	66.4	61.8	75.1	73.8	64.7
July 1992	76.1	68.9	65.3	75.1	66.9	63.6	75.8	68.8	64.8	78.2	78.0	69.5
<b>Illinois</b>												
July 1993	70.3	57.8	57.2	W	NA	55.9	69.8	57.9	57.0	72.8	70.6	59.8
June 1993	73.9	63.7	61.9	W	W	60.4	72.4	63.3	61.6	74.7	74.1	64.4
July 1992	75.3	66.6	64.7	W	W	64.1	75.3	66.8	64.8	78.9	76.2	68.7
<b>Indiana</b>												
July 1993	70.3	56.6	56.6	W	W	54.8	69.0	56.5	56.4	71.4	67.6	62.0
June 1993	76.2	61.7	61.6	W	W	59.7	75.6	61.5	61.3	75.5	70.1	65.7
July 1992	74.7	65.0	64.1	W	W	62.9	74.2	65.0	63.9	76.9	73.7	66.7
<b>Iowa</b>												
July 1993	67.8	W	58.0	67.0	-	55.5	67.2	W	56.9	69.5	72.4	60.1
June 1993	72.1	W	63.1	71.9	-	60.5	72.0	W	61.9	73.9	75.2	64.3
July 1992	83.5	63.6	66.6	79.9	-	64.0	80.8	63.6	65.6	81.0	80.7	67.8
<b>Kansas</b>												
July 1993	68.6	57.6	56.9	69.8	W	54.6	69.4	57.4	55.3	72.9	72.3	61.2
June 1993	73.6	63.1	61.8	73.2	W	59.0	73.4	62.8	59.8	75.2	74.8	64.3
July 1992	72.9	W	64.6	74.9	W	63.1	74.1	65.3	63.6	78.6	81.0	68.2
<b>Kentucky</b>												
July 1993	74.2	63.4	57.8	74.3	-	55.2	74.2	63.4	57.6	72.9	66.3	62.6
June 1993	76.6	68.2	62.3	76.3	-	57.2	76.6	68.2	61.7	75.3	69.4	65.6
July 1992	78.8	70.6	65.6	78.2	-	61.4	78.9	70.6	65.2	77.8	73.4	70.3
<b>Michigan</b>												
July 1993	68.6	62.4	57.3	W	W	55.3	69.4	62.3	56.9	72.2	71.9	61.0
June 1993	75.0	66.1	63.4	W	W	61.0	73.5	66.1	63.0	76.7	73.3	65.7
July 1992	72.7	70.1	65.1	W	-	64.1	72.4	70.1	64.9	77.0	78.0	69.0
<b>Minnesota</b>												
July 1993	75.7	60.8	60.8	77.0	W	58.6	76.0	60.7	59.8	78.0	74.5	63.4
June 1993	78.8	65.9	65.3	81.7	W	62.8	79.6	65.6	64.3	79.5	77.4	66.9
July 1992	82.4	67.4	68.9	86.7	W	65.4	83.6	67.1	67.5	83.9	80.8	71.2
<b>Missouri</b>												
July 1993	66.7	W	57.5	67.2	W	54.9	66.9	60.9	56.6	69.4	69.6	60.3
June 1993	73.3	W	62.1	71.4	-	59.5	72.4	W	61.3	72.0	72.1	63.5
July 1992	75.6	71.3	65.8	73.4	W	63.3	74.6	71.2	64.9	73.7	77.7	67.7

See footnotes at end of table.

**Table 32. Refiner/Reseller Unleaded Regular Gasoline Prices  
by Seller, PAD District, and State (Continued)**  
(Cents per Gallon Excluding Taxes)

Geographic Area Month	Major Refiners			Other Refiners			All Refiners			Resellers		
	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale
	Through Company Outlets	Other End Users		Through Company Outlets	Other End Users		Through Company Outlets	Other End Users		Through Company Outlets	Other End Users	
<b>Nebraska</b>												
July 1993	W	W	58.1	71.9	W	55.8	74.1	57.9	56.0	74.0	71.4	61.2
June 1993	W	W	63.1	74.3	W	60.9	76.6	62.0	62.1	78.3	74.8	65.5
July 1992	W	W	66.7	76.5	-	64.9	77.2	W	65.8	78.9	74.2	70.5
<b>North Dakota</b>												
July 1993	83.7	63.9	62.4	W	-	58.2	83.3	63.9	60.1	83.4	78.8	63.1
June 1993	84.9	W	67.2	W	-	63.0	84.2	W	64.9	86.5	83.5	67.1
July 1992	90.4	W	70.5	W	-	67.7	90.1	W	69.2	88.7	84.7	72.9
<b>Ohio</b>												
July 1993	72.4	65.2	59.0	W	W	55.7	72.1	65.3	58.8	71.4	71.1	59.6
June 1993	75.9	69.8	63.9	W	W	60.5	75.4	69.9	63.7	75.2	73.3	64.3
July 1992	75.6	72.1	65.3	W	W	63.7	75.3	72.2	65.2	75.2	74.7	66.8
<b>Oklahoma</b>												
July 1993	67.3	57.2	55.3	69.9	W	54.5	68.1	56.9	54.8	67.9	63.8	56.8
June 1993	71.8	61.4	60.0	72.4	W	59.2	72.0	61.2	59.6	71.2	68.0	62.5
July 1992	73.6	63.5	63.0	74.9	W	61.9	74.0	63.5	62.5	74.6	71.2	67.0
<b>South Dakota</b>												
July 1993	W	W	60.7	W	-	58.5	W	W	59.7	80.9	74.5	67.1
June 1993	W	67.0	65.4	W	-	63.5	80.7	67.0	64.6	82.1	78.7	69.6
July 1992	W	W	70.2	W	W	67.7	W	W	69.1	89.5	87.6	76.5
<b>Tennessee</b>												
July 1993	71.5	58.1	55.7	69.4	55.6	52.6	70.7	57.4	55.3	69.8	62.1	60.6
June 1993	73.1	62.2	60.0	76.0	NA	57.2	74.3	62.3	59.6	70.8	65.2	63.5
July 1992	77.3	65.0	64.1	76.8	64.4	61.1	77.1	64.8	63.6	75.8	71.0	66.2
<b>Wisconsin</b>												
July 1993	68.7	56.7	57.2	W	W	55.3	69.1	56.5	56.6	72.9	72.8	60.8
June 1993	72.8	62.6	62.0	W	W	59.0	73.1	61.7	61.2	75.7	75.6	64.1
July 1992	80.5	65.1	65.9	W	W	63.8	79.6	64.5	65.2	81.5	79.3	67.1
<b>PAD District III Average</b>												
July 1993	73.7	59.6	57.0	73.2	53.5	53.7	73.5	57.3	55.6	73.2	67.1	60.8
June 1993	75.2	63.7	60.4	75.1	58.2	57.7	75.1	62.1	59.2	74.4	70.7	63.1
July 1992	79.2	65.4	64.1	78.6	64.7	62.0	78.9	65.2	63.3	78.1	74.8	67.6
<b>Alabama</b>												
July 1993	72.7	55.5	55.4	70.5	W	53.2	72.2	55.5	54.9	73.3	66.3	64.4
June 1993	73.9	59.8	59.5	74.3	W	57.4	74.0	59.7	59.0	74.9	67.6	66.4
July 1992	77.7	63.7	63.7	77.6	W	61.9	77.7	63.6	63.3	79.5	75.0	72.7
<b>Arkansas</b>												
July 1993	73.4	W	55.4	W	-	53.2	71.8	W	54.4	71.7	63.5	58.7
June 1993	73.1	W	59.9	W	W	57.3	73.8	62.1	58.6	73.0	65.9	62.1
July 1992	78.5	65.3	63.8	W	W	61.3	76.3	65.0	62.8	75.3	73.4	65.8
<b>Louisiana</b>												
July 1993	73.2	55.7	56.9	72.2	W	53.7	73.0	55.7	55.0	71.4	66.2	61.7
June 1993	74.0	60.3	60.5	74.2	W	56.4	74.0	60.2	59.2	72.9	68.9	62.9
July 1992	79.3	63.6	65.3	78.3	64.2	61.5	79.1	63.6	64.0	76.2	78.8	71.8
<b>Mississippi</b>												
July 1993	69.9	W	54.7	72.7	52.7	53.0	71.0	53.4	54.2	70.0	66.5	59.8
June 1993	72.2	61.1	58.0	76.8	57.3	56.5	74.2	58.7	57.5	72.3	69.9	65.2
July 1992	76.7	64.6	62.7	76.5	61.4	60.6	76.6	63.1	61.9	76.5	75.7	66.0
<b>New Mexico</b>												
July 1993	84.4	75.0	69.8	90.6	72.5	65.2	88.7	74.5	67.8	85.1	79.0	72.6
June 1993	85.5	75.6	71.7	89.9	72.8	68.4	88.6	74.9	70.2	85.1	80.5	75.7
July 1992	84.8	W	73.8	91.5	74.0	72.4	89.4	75.4	73.2	85.2	82.0	80.3
<b>Texas</b>												
July 1993	73.5	60.1	57.1	71.6	W	53.2	72.7	56.3	65.2	73.1	67.4	60.3
June 1993	75.3	64.4	60.3	73.8	W	57.4	74.6	61.6	58.9	74.0	73.0	62.2
July 1992	79.2	65.5	63.8	77.9	W	61.6	78.6	65.2	62.9	78.3	72.7	66.4
<b>PAD District IV Average</b>												
July 1993	75.1	66.1	65.4	78.6	66.4	62.8	76.8	66.3	64.4	78.4	76.6	68.1
June 1993	77.4	68.5	68.1	81.4	69.4	66.5	79.4	69.0	67.5	79.7	78.2	70.1
July 1992	87.2	81.0	79.7	89.0	88.9	78.3	88.1	86.1	79.2	90.3	87.7	82.2

See footnotes at end of table.

**Table 32. Refiner/Reseller Unleaded Regular Gasoline Prices  
by Seller, PAD District, and State (Continued)**  
(Cents per Gallon Excluding Taxes)

Geographic Area Month	Major Refiners			Other Refiners			All Refiners			Resellers		
	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale
	Through Company Outlets	Other End Users		Through Company Outlets	Other End Users		Through Company Outlets	Other End Users		Through Company Outlets	Other End Users	
<b>Colorado</b>												
July 1993 .....	76.7	W	82.0	78.5	-	58.2	77.7	W	60.3	78.6	73.9	64.7
June 1993 .....	78.0	W	86.2	81.4	W	63.1	79.9	W	64.9	80.2	77.0	67.5
July 1992 .....	87.0	78.1	78.6	86.6	W	75.2	87.9	77.9	77.2	89.6	86.1	79.7
<b>Idaho</b>												
July 1993 .....	-	W	67.6	W	-	67.4	W	W	67.6	76.4	77.2	72.7
June 1993 .....	-	W	68.9	W	-	69.7	W	W	68.8	76.1	77.2	72.1
July 1992 .....	W	W	81.3	W	-	81.3	92.1	W	81.3	89.7	88.3	84.9
<b>Montana</b>												
July 1993 .....	-	-	70.9	W	NA	70.8	W	NA	70.9	85.0	82.9	72.3
June 1993 .....	-	W	72.3	W	NA	72.2	W	NA	72.3	85.6	81.7	73.4
July 1992 .....	W	W	84.0	W	NA	83.1	W	NA	83.7	95.1	89.6	82.4
<b>Utah</b>												
July 1993 .....	70.4	64.6	64.3	W	W	63.0	70.5	64.6	63.9	74.2	72.0	68.4
June 1993 .....	75.2	67.5	66.6	W	W	65.8	75.3	68.1	66.4	77.1	73.4	70.5
July 1992 .....	85.2	77.6	76.9	W	W	76.9	85.2	78.5	76.9	86.1	84.7	81.5
<b>Wyoming</b>												
July 1993 .....	W	73.1	66.1	81.6	W	64.0	80.8	72.2	65.0	84.2	79.5	66.6
June 1993 .....	W	75.5	69.1	84.7	W	67.9	83.6	72.7	68.5	85.6	81.2	72.2
July 1992 .....	W	88.3	80.9	95.4	W	80.1	93.6	83.7	80.5	98.0	92.2	84.4
<b>PAD District V Average</b>												
July 1993 .....	79.4	68.9	68.9	80.2	NA	60.1	79.6	71.7	67.3	83.5	75.1	66.8
June 1993 .....	79.5	70.2	71.2	83.1	78.7	63.7	80.5	73.6	69.8	83.6	77.4	70.3
July 1992 .....	88.9	74.5	78.6	89.8	NA	68.6	89.2	NA	76.5	90.6	84.7	75.7
<b>Alaska</b>												
July 1993 .....	W	W	75.6	99.7	NA	W	99.1	NA	74.3	NA	104.2	85.3
June 1993 .....	W	W	75.6	99.3	W	W	98.7	82.2	75.0	NA	106.9	87.8
July 1992 .....	W	W	79.6	104.7	NA	W	103.6	NA	79.2	NA	105.6	92.8
<b>Arizona</b>												
July 1993 .....	83.7	70.9	72.8	W	W	64.8	84.1	72.4	72.0	86.3	71.8	74.6
June 1993 .....	83.0	74.0	74.1	W	W	69.0	83.4	74.5	73.4	84.8	74.9	76.4
July 1992 .....	88.1	W	79.1	W	78.3	73.3	88.3	78.1	78.2	89.2	83.2	79.8
<b>California</b>												
July 1993 .....	78.1	64.6	68.3	75.0	W	58.4	77.1	64.6	66.3	77.7	72.8	63.7
June 1993 .....	78.5	68.1	70.8	79.3	W	61.9	78.7	67.7	69.0	78.3	75.0	67.6
July 1992 .....	88.9	72.5	78.9	86.4	70.9	66.6	88.0	72.2	75.9	88.0	82.5	71.8
<b>Hawaii</b>												
July 1993 .....	W	W	92.4	W	W	W	102.0	W	90.6	113.5	90.9	101.9
June 1993 .....	W	W	94.1	W	W	W	102.2	73.6	92.4	113.7	95.1	102.7
July 1992 .....	W	W	91.7	W	W	W	101.8	78.1	87.1	W	107.9	100.6
<b>Nevada</b>												
July 1993 .....	W	68.2	65.7	W	W	64.0	76.0	67.7	65.3	83.9	71.4	62.9
June 1993 .....	W	70.6	67.8	W	W	68.8	76.4	69.5	67.6	84.6	73.1	65.7
July 1992 .....	84.9	77.4	76.3	W	W	72.7	85.1	77.6	75.6	91.1	80.8	74.0
<b>Oregon</b>												
July 1993 .....	85.2	67.8	69.7	W	W	NA	86.0	70.3	68.3	85.7	78.9	75.0
June 1993 .....	85.4	72.1	72.0	W	W	NA	86.1	74.1	71.4	86.3	82.1	76.0
July 1992 .....	94.1	77.2	77.0	W	W	74.0	95.5	83.6	78.6	94.3	87.4	81.8
<b>Washington</b>												
July 1993 .....	77.2	67.4	68.0	W	W	62.8	78.4	67.3	67.4	81.0	77.1	69.8
June 1993 .....	77.6	70.0	70.0	W	-	67.3	78.7	70.0	69.7	82.2	79.7	71.9
July 1992 .....	87.6	77.6	77.7	W	W	76.0	88.9	77.2	77.5	90.4	87.0	80.6

Dashes (-) = No data reported

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

Note: Values shown for the current month are preliminary. Values shown for previous month are revised. Data are final upon publication in the Petroleum Marketing Annual.

Sources: Refiners and Gas Plant Operators: Energy Information Administration Form EIA-782A, "Refiners/Gas Plant Operators' Monthly Petroleum Product Sales Report;" Resellers: Energy Information Administration Form EIA-782B, "Reseller/Retailers' Monthly Petroleum Product Sales Report"



**Table 33. Refiner/Reseller Unleaded Midgrade Gasoline Prices  
by Seller, PAD District, and State  
(Cents per Gallon Excluding Taxes)**

Geographic Area Month	Major Refiners			Other Refiners			All Refiners			Resellers		
	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale
	Through Company Outlets	Other End Users		Through Company Outlets	Other End Users		Through Company Outlets	Other End Users		Through Company Outlets	Other End Users	
<b>U.S. Average</b>												
July 1993 .....	82.9	65.9	66.8	80.1	64.2	69.0	82.4	65.5	66.2	81.0	74.6	67.5
June 1993 .....	85.1	70.3	70.3	82.9	68.4	63.0	84.6	69.9	69.7	82.4	77.0	70.9
July 1992 .....	88.0	73.8	74.2	86.2	71.6	67.6	87.7	73.3	73.7	86.8	81.1	75.5
<b>PAD District I Average</b>												
July 1993 .....	84.2	62.6	66.4	80.5	64.6	58.9	83.7	63.4	66.1	81.7	72.7	67.0
June 1993 .....	85.4	67.3	69.6	81.8	68.6	62.9	84.9	67.8	69.3	82.6	75.3	70.7
July 1992 .....	88.5	70.4	73.6	86.0	71.3	67.3	88.2	70.8	73.3	88.1	79.8	75.8
<b>Subdistrict IA Average</b>												
July 1993 .....	87.9	65.4	67.7	-	W	57.5	87.9	62.8	67.3	84.3	70.4	65.0
June 1993 .....	89.3	70.0	70.5	-	W	60.8	89.3	68.5	70.1	85.3	72.4	70.9
July 1992 .....	95.4	76.9	76.5	-	W	W	95.4	70.2	75.9	93.6	76.8	77.5
<b>Connecticut</b>												
July 1993 .....	W	68.1	68.0	-	W	W	W	67.1	67.5	84.5	69.0	NA
June 1993 .....	W	72.3	70.6	-	-	W	W	72.3	70.2	86.0	70.2	72.5
July 1992 .....	W	77.6	75.9	-	W	W	W	74.7	75.7	91.7	79.5	79.4
<b>Maine</b>												
July 1993 .....	-	W	62.1	-	-	W	-	W	62.1	89.3	75.4	67.0
June 1993 .....	-	W	65.7	-	W	W	-	W	65.6	90.0	78.5	70.3
July 1992 .....	-	W	72.5	-	W	W	-	W	72.3	97.0	80.0	76.9
<b>Massachusetts</b>												
July 1993 .....	88.1	60.9	69.7	-	W	W	88.1	59.7	69.3	82.5	68.8	64.4
June 1993 .....	89.9	66.3	71.9	-	W	W	89.9	64.6	71.5	83.9	69.9	68.4
July 1992 .....	95.9	75.7	78.3	-	W	W	95.9	67.3	77.6	93.8	74.7	74.9
<b>New Hampshire</b>												
July 1993 .....	88.0	-	66.7	-	W	W	88.0	W	66.4	86.7	72.5	73.1
June 1993 .....	88.8	-	70.1	-	W	W	88.8	W	69.7	87.5	73.2	75.1
July 1992 .....	96.7	-	75.8	-	W	W	96.7	W	75.4	95.2	74.7	79.7
<b>Rhode Island</b>												
July 1993 .....	81.4	W	65.9	-	W	W	81.4	W	65.5	78.3	67.3	61.1
June 1993 .....	82.6	W	69.1	-	W	W	82.6	W	68.5	78.8	69.5	64.6
July 1992 .....	91.4	W	76.4	-	W	W	91.4	W	74.5	89.5	72.0	73.1
<b>Vermont</b>												
July 1993 .....	-	-	W	-	-	W	-	-	W	88.8	76.1	74.3
June 1993 .....	-	-	W	-	-	W	-	-	W	89.6	78.1	77.4
July 1992 .....	-	-	W	-	-	W	-	-	W	95.3	82.4	81.9
<b>Subdistrict IB Average</b>												
July 1993 .....	84.1	66.8	67.9	W	67.6	62.9	83.7	67.2	W	79.8	72.3	66.3
June 1993 .....	84.8	69.7	70.6	W	69.7	66.4	84.3	69.7	W	79.6	74.3	70.1
July 1992 .....	90.5	71.2	75.5	W	77.0	71.8	90.2	73.4	75.3	88.9	79.7	75.9
<b>Delaware</b>												
July 1993 .....	W	W	64.5	-	-	W	W	W	63.5	75.1	72.8	66.6
June 1993 .....	W	64.2	67.1	-	-	W	W	64.2	66.1	76.5	74.2	70.0
July 1992 .....	W	W	73.8	-	-	64.7	W	W	73.2	87.1	80.3	70.3
<b>District of Columbia</b>												
July 1993 .....	-	W	72.9	-	-	-	-	W	72.9	W	60.5	63.3
June 1993 .....	-	W	75.4	-	-	-	-	W	75.4	W	66.3	63.8
July 1992 .....	-	W	80.0	-	-	-	-	W	80.0	W	74.2	W
<b>Maryland</b>												
July 1993 .....	-	61.2	68.1	NA	W	W	NA	60.3	68.2	81.2	75.5	66.3
June 1993 .....	-	65.5	70.9	W	-	W	W	65.5	71.1	82.1	76.9	68.8
July 1992 .....	-	67.8	75.8	-	-	79.4	-	67.8	76.1	89.8	82.0	75.9
<b>New Jersey</b>												
July 1993 .....	89.5	70.1	69.5	-	W	57.9	89.5	63.8	69.2	85.4	72.3	NA
June 1993 .....	90.2	68.3	72.2	-	W	60.9	90.2	65.1	71.9	85.6	74.4	65.1
July 1992 .....	95.1	72.4	78.3	-	W	64.3	95.1	70.2	77.7	92.3	70.1	76.3
<b>New York</b>												
July 1993 .....	84.0	74.6	69.9	W	W	W	82.3	71.4	69.6	83.1	67.6	69.5
June 1993 .....	84.4	77.2	72.4	W	W	W	82.7	69.9	72.2	83.6	69.9	71.4
July 1992 .....	89.0	75.3	76.2	W	W	W	88.0	74.3	76.1	89.8	76.2	78.2
<b>Pennsylvania</b>												
July 1993 .....	81.4	64.6	64.8	W	75.7	80.1	81.9	72.6	64.7	77.0	75.2	69.8
June 1993 .....	82.2	70.1	67.8	W	76.8	64.0	82.6	75.0	67.7	76.1	76.7	72.5
July 1992 .....	86.1	70.6	72.5	W	82.6	67.7	89.4	79.0	72.4	87.3	81.8	74.9

See footnotes at end of table.

**Table 33. Refiner/Reseller Unleaded Midgrade Gasoline Prices  
by Seller, PAD District, and State (Continued)**  
(Cents per Gallon Excluding Taxes)

Geographic Area Month	Major Refiners			Other Refiners			All Refiners			Resellers		
	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale
	Through Company Outlets	Other End Users		Through Company Outlets	Other End Users		Through Company Outlets	Other End Users		Through Company Outlets	Other End Users	
Subdistrict IC Average												
July 1993	83.9	60.6	65.0	80.2	62.9	56.5	83.4	61.3	64.6	81.8	74.0	68.0
June 1993	85.3	65.6	68.7	82.1	68.1	61.1	84.9	66.3	68.3	83.1	77.0	71.0
July 1992	87.0	68.8	71.3	85.4	69.8	65.2	86.8	69.2	W	86.6	80.7	75.3
Florida												
July 1993	86.7	W	70.0	W	W	57.2	86.3	59.8	69.1	84.7	74.2	70.5
June 1993	88.1	64.2	73.3	W	W	61.5	88.0	64.6	72.5	85.8	77.8	72.9
July 1992	87.6	68.8	73.7	86.1	W	65.4	87.5	69.1	73.1	90.2	80.5	76.2
Georgia												
July 1993	78.4	60.1	62.9	77.8	-	55.7	79.2	60.1	62.5	80.6	74.4	65.0
June 1993	80.3	65.0	66.6	79.1	-	60.1	80.2	65.0	66.2	81.7	76.7	69.5
July 1992	83.7	68.1	69.9	82.8	-	64.6	83.6	68.1	69.5	86.1	78.4	76.0
North Carolina												
July 1993	80.2	59.6	60.6	W	-	56.1	79.6	59.6	60.5	79.3	70.1	68.5
June 1993	81.6	W	64.8	W	-	60.7	81.1	W	64.7	80.8	72.4	71.3
July 1992	86.1	67.5	68.6	W	-	66.4	85.9	67.5	68.5	83.7	82.1	73.8
South Carolina												
July 1993	77.0	W	60.6	W	-	55.3	77.0	W	60.3	81.9	70.0	64.4
June 1993	78.1	W	64.5	W	-	60.0	78.1	W	64.3	82.7	NA	67.4
July 1992	83.6	69.2	68.9	W	-	65.2	83.6	69.2	68.6	87.2	77.7	73.3
Virginia												
July 1993	88.4	61.9	65.6	W	W	55.6	85.0	61.4	65.3	81.6	77.9	70.3
June 1993	90.5	66.9	68.7	W	W	61.7	87.0	65.7	68.6	83.4	81.2	73.1
July 1992	91.0	67.9	72.6	W	W	64.2	88.9	67.1	72.4	86.4	83.0	76.6
West Virginia												
July 1993	92.2	W	64.5	W	W	59.2	89.6	71.9	64.1	83.7	70.4	74.1
June 1993	93.3	W	69.3	W	W	65.7	90.5	78.9	69.1	83.9	75.7	77.5
July 1992	96.3	78.7	73.2	W	W	W	93.3	78.5	73.0	89.1	79.3	80.6
PAD District II Average												
July 1993	80.2	68.8	64.7	77.8	71.9	59.3	79.8	68.9	W	78.8	76.6	67.0
June 1993	84.2	73.3	69.6	81.8	73.6	63.9	83.8	73.3	W	81.5	78.5	70.6
July 1992	84.4	77.3	71.4	83.3	74.7	66.7	84.2	77.1	71.2	83.9	82.9	74.3
Illinois												
July 1993	80.0	W	66.9	W	-	59.4	79.4	W	66.7	78.1	76.7	67.4
June 1993	84.0	W	71.4	W	-	63.7	83.3	W	71.2	80.4	78.5	71.6
July 1992	84.8	W	72.4	W	-	67.3	84.6	W	72.3	85.4	82.4	78.0
Indiana												
July 1993	77.3	W	64.2	W	-	W	76.9	W	63.5	78.6	74.1	68.9
June 1993	83.1	W	69.9	W	-	W	82.5	W	69.2	82.2	75.6	73.2
July 1992	81.8	W	70.3	W	-	W	81.4	W	70.1	83.9	78.9	72.3
Iowa												
July 1993	W	-	61.8	72.5	-	W	72.4	-	61.8	76.2	NA	66.6
June 1993	W	-	69.2	78.0	-	W	77.8	-	69.2	79.1	79.4	68.8
July 1992	-	-	71.1	85.0	-	66.7	85.0	-	71.0	85.6	87.6	72.2
Kansas												
July 1993	78.8	W	65.8	77.2	-	59.0	78.5	W	65.3	78.8	75.3	67.3
June 1993	83.7	W	70.3	81.8	-	63.0	83.4	W	70.0	81.4	80.8	72.7
July 1992	81.5	W	72.5	82.8	-	67.7	81.7	W	72.2	83.4	81.7	71.1
Kentucky												
July 1993	85.2	71.8	63.6	83.7	-	56.0	85.1	71.8	63.4	81.1	73.3	68.6
June 1993	87.5	W	67.9	84.9	-	60.7	87.4	W	67.7	83.3	74.3	72.6
July 1992	87.3	W	70.4	84.2	-	64.6	87.2	W	70.3	84.4	81.0	76.4
Michigan												
July 1993	76.9	W	63.6	W	-	W	76.9	W	63.4	79.4	75.5	66.9
June 1993	83.2	W	70.1	W	-	W	83.2	W	69.7	83.3	79.8	71.6
July 1992	80.9	W	69.7	W	-	66.9	80.8	W	69.6	83.6	82.7	74.7
Minnesota												
July 1993	83.1	W	69.7	86.3	-	W	83.7	W	68.2	81.9	81.5	67.1
June 1993	88.4	W	73.9	90.6	W	W	87.2	65.2	72.3	83.2	81.4	69.8
July 1992	94.6	-	77.5	92.2	-	W	94.0	-	77.5	88.7	85.8	74.0
Missouri												
July 1993	78.6	W	67.6	77.4	-	57.1	78.2	W	67.0	75.8	75.8	66.3
June 1993	84.6	67.9	72.2	81.1	-	62.3	83.5	67.9	71.6	79.0	76.3	68.3
July 1992	86.7	W	73.3	84.5	W	66.4	85.4	W	72.6	81.0	87.2	72.7

See footnotes at end of table.

**Table 33. Refiner/Reseller Unleaded Midgrade Gasoline Prices  
by Seller, PAD District, and State (Continued)**  
(Cents per Gallon Excluding Taxes)

Geographic Area Month	Major Refiners			Other Refiners			All Refiners			Resellers		
	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale
	Through Company Outlets	Other End Users		Through Company Outlets	Other End Users		Through Company Outlets	Other End Users		Through Company Outlets	Other End Users	
<b>Nebraska</b>												
July 1993 ... ..	W	-	-	W	-	W	77.5	-	W	NA	79.3	65.9
June 1993 . . . .	W	-	-	W	-	W	82.1	-	W	85.5	79.9	70.9
July 1992 ... ..	W	-	W	W	-	W	77.8	-	W	87.9	W	75.3
<b>North Dakota</b>												
July 1993 .. ....	W	-	W	-	-	-	W	-	W	91.5	W	68.2
June 1993 ..... .	W	-	W	-	-	-	W	-	W	91.9	NA	73.6
July 1992 ..... ..	95.4	-	W	-	-	-	95.4	-	W	93.4	89.3	76.0
<b>Ohio</b>												
July 1993 ..... ..	81.0	W	66.7	77.1	W	64.7	80.8	69.8	66.6	77.8	79.0	64.4
June 1993 ..... ..	84.3	W	71.6	NA	W	67.5	83.9	73.6	71.4	81.1	82.6	68.4
July 1992 ..... ..	83.7	78.2	72.2	80.3	W	67.5	83.6	78.2	72.0	81.8	81.8	70.3
<b>Oklahoma</b>												
July 1993 ..... ..	76.1	W	58.5	77.6	W	57.4	76.4	W	58.4	73.6	65.7	65.2
June 1993 ..... .	80.8	W	63.0	79.9	W	62.1	80.6	63.3	62.9	76.7	69.7	67.3
July 1992 ..... ..	80.7	W	67.3	80.8	W	66.1	80.7	65.2	67.2	80.5	70.5	72.5
<b>South Dakota</b>												
July 1993 .... ..	W	-	W	W	-	-	W	-	W	81.5	82.3	71.2
June 1993 ..... ..	W	-	W	W	-	-	W	-	W	84.2	86.7	73.5
July 1992 ... ..	W	-	W	W	-	-	W	-	W	85.6	94.6	75.0
<b>Tennessee</b>												
July 1993 .. ....	82.2	61.0	61.7	W	W	55.3	81.6	60.8	61.4	79.6	67.8	66.8
June 1993 . . . .	83.7	65.8	65.7	W	W	60.0	83.8	65.2	65.5	80.7	70.7	70.4
July 1992 .... .	88.0	69.2	69.8	W	W	63.8	87.1	68.2	69.6	84.1	77.0	74.4
<b>Wisconsin</b>												
July 1993 ..... ..	79.4	-	63.9	W	-	W	78.8	-	63.4	79.9	82.2	66.6
June 1993 ..... .	83.5	W	68.8	W	-	W	82.7	W	68.1	82.4	85.4	69.5
July 1992 ..... ..	91.1	-	72.8	85.6	-	W	80.8	-	72.4	86.9	83.9	72.9
<b>PAD District III Average</b>												
July 1993 ... ..	84.8	58.4	62.3	81.7	55.9	56.9	83.8	57.6	61.3	81.5	71.6	67.9
June 1993 .. ..	86.3	63.0	66.1	83.6	60.8	61.3	85.4	62.5	65.1	82.4	75.0	70.5
July 1992 ..... .	90.2	66.7	70.1	87.3	64.7	65.6	89.2	66.3	69.2	85.6	77.1	75.2
<b>Alabama</b>												
July 1993 . . . . .	82.6	57.6	61.1	79.1	W	56.9	82.1	57.5	60.7	82.7	77.3	70.4
June 1993 ..... .	83.9	62.3	65.0	82.2	-	60.7	83.6	62.3	64.6	84.0	78.7	72.7
July 1992 ... ..	87.5	66.1	69.4	85.7	W	66.0	87.2	66.0	69.0	87.9	81.5	76.8
<b>Arkansas</b>												
July 1993 ..... .	83.8	-	60.2	W	W	56.1	83.9	W	59.1	80.2	66.7	62.6
June 1993 ..... .	83.1	-	64.6	W	-	60.3	85.1	-	63.4	81.7	69.3	66.4
July 1992 .. .	86.5	-	68.4	W	W	64.7	85.5	W	67.4	82.5	78.2	70.8
<b>Louisiana</b>												
July 1993 .... .	85.2	W	63.6	83.4	W	57.5	84.9	W	62.5	81.7	73.1	68.1
June 1993 ..... .	85.8	W	67.1	84.5	W	61.2	85.6	W	65.9	82.4	76.4	71.2
July 1992 ... ..	89.8	W	71.0	89.2	W	65.5	89.7	W	70.0	84.4	79.9	78.1
<b>Mississippi</b>												
July 1993 ..... .	80.1	W	59.8	81.9	55.9	56.0	80.8	57.8	59.1	79.3	74.5	68.9
June 1993 ..... .	81.9	W	63.8	83.3	61.7	60.3	82.5	63.0	63.2	81.5	76.0	72.6
July 1992 . . . . .	85.9	66.0	68.3	84.3	65.4	64.5	85.3	65.8	67.7	84.8	79.1	73.1
<b>New Mexico</b>												
July 1993 ..... ..	W	-	76.5	-	-	69.4	W	-	74.5	90.3	W	72.3
June 1993 ..... ..	W	-	77.6	-	-	73.4	W	-	76.5	91.9	NA	75.6
July 1992 ... ..	W	-	76.5	-	-	81.0	W	-	77.4	93.1	NA	78.4
<b>Texas</b>												
July 1993 ..... ..	84.9	59.4	62.6	81.4	W	56.6	83.8	57.6	W	81.5	69.0	68.2
June 1993 . . . . .	86.6	63.0	66.4	83.4	W	61.3	85.4	62.4	W	81.8	74.7	70.6
July 1992 ..... .	90.7	67.5	70.5	87.6	W	65.7	89.6	66.5	W	85.8	74.9	74.8
<b>PAD District IV Average</b>												
July 1993 ..... ..	84.0	-	68.8	W	-	68.0	85.3	-	68.8	83.4	66.7	69.8
June 1993 .. .	86.0	W	71.9	W	-	70.2	87.6	W	71.8	85.6	72.1	74.2
July 1992 ..... ..	93.2	W	84.8	W	-	76.4	94.6	W	81.9	92.8	88.6	82.8

See footnotes at end of table.

**Table 33. Refiner/Reseller Unleaded Midgrade Gasoline Prices  
by Seller, PAD District, and State (Continued)**  
(Cents per Gallon Excluding Taxes)

Geographic Area Month	Major Refiners			Other Refiners			All Refiners			Resellers		
	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale
	Through Company Outlets	Other End Users		Through Company Outlets	Other End Users		Through Company Outlets	Other End Users		Through Company Outlets	Other End Users	
<b>Colorado</b>												
July 1993	86.7	-	67.6	W	-	65.3	87.2	-	67.4	88.0	65.6	66.9
June 1993	87.5	-	71.6	W	-	68.8	88.8	-	71.4	90.3	70.0	71.0
July 1992	94.9	W	85.0	W	-	76.3	95.9	W	81.4	94.1	85.9	83.3
<b>Idaho</b>												
July 1993	-	-	W	-	-	-	-	-	W	84.4	-	NA
June 1993	-	-	W	-	-	-	-	-	W	84.7	-	NA
July 1992	-	-	-	-	-	-	-	-	-	89.0	95.0	W
<b>Montana</b>												
July 1993	-	-	-	-	-	-	-	-	-	W	W	-
June 1993	-	-	-	-	-	-	-	-	-	W	W	W
July 1992	-	-	-	-	-	-	-	-	-	W	W	-
<b>Utah</b>												
July 1993	77.2	-	73.3	-	-	W	77.2	-	73.3	NA	-	NA
June 1993	81.8	W	73.1	-	-	W	81.8	W	73.4	78.9	-	73.3
July 1992	89.8	-	W	-	-	W	89.8	-	W	88.0	W	81.5
<b>Wyoming</b>												
July 1993	-	-	W	-	-	-	-	-	W	83.3	W	W
June 1993	-	-	W	-	-	-	-	-	W	84.9	W	W
July 1992	-	-	W	-	-	-	-	-	W	W	-	83.0
<b>PAD District V Average</b>												
July 1993	85.7	70.5	75.3	77.9	W	63.0	83.6	70.7	74.2	86.9	79.0	73.8
June 1993	85.5	74.1	77.5	81.3	W	66.0	84.4	74.3	76.5	87.2	81.3	74.4
July 1992	95.0	78.3	84.3	85.6	W	71.3	93.4	78.5	83.5	94.7	89.6	70.4
<b>Alaska</b>												
July 1993	-	-	-	-	-	-	-	-	-	-	NA	NA
June 1993	-	-	-	-	-	-	-	-	-	-	W	W
July 1992	-	-	-	-	-	-	-	-	-	-	-	-
<b>Arizona</b>												
July 1993	83.8	-	77.5	-	-	W	83.8	-	77.2	89.5	74.3	73.0
June 1993	85.3	-	78.0	-	-	W	85.3	-	78.4	90.6	77.0	75.0
July 1992	89.3	-	83.8	-	-	W	89.3	-	84.4	91.7	-	80.7
<b>California</b>												
July 1993	85.5	69.2	75.0	77.3	W	62.9	83.2	69.1	73.8	84.7	78.8	74.3
June 1993	85.4	72.8	77.2	80.8	W	65.9	84.2	72.7	76.1	84.9	80.8	74.7
July 1992	95.0	77.2	84.3	84.6	W	71.0	93.2	77.1	83.4	94.9	88.9	77.3
<b>Hawaii</b>												
July 1993	W	W	97.7	W	W	W	109.4	W	97.5	117.0	NA	W
June 1993	W	W	99.3	W	W	W	109.5	W	99.1	117.1	NA	W
July 1992	W	W	96.7	W	W	W	117.1	W	96.5	W	W	W
<b>Nevada</b>												
July 1993	W	W	71.2	W	-	-	73.2	W	71.2	87.1	72.3	67.5
June 1993	W	W	73.4	W	-	W	72.8	W	73.4	87.7	78.0	69.4
July 1992	NA	W	79.4	W	-	W	NA	W	79.4	92.9	W	86.4
<b>Oregon</b>												
July 1993	W	-	-	-	-	-	W	-	-	W	-	-
June 1993	W	-	-	-	-	-	W	-	-	W	-	-
July 1992	W	-	W	-	-	-	W	-	W	-	-	-
<b>Washington</b>												
July 1993	W	-	W	-	-	-	W	-	W	W	W	W
June 1993	W	W	72.5	-	-	-	W	W	72.5	W	W	W
July 1992	-	-	W	-	-	-	-	-	W	-	W	W

Dashes (-) = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

Note: Values shown for the current month are preliminary. Values shown for previous month are revised. Data are final upon publication in the Petroleum Marketing Annual.

Sources: Refiners and Gas Plant Operators: Energy Information Administration Form EIA-782A, "Refiners/Gas Plant Operators' Monthly Petroleum Product Sales Report," Resellers: Energy Information Administration Form EIA-782B, "Reseller/Retailers' Monthly Petroleum Product Sales Report."

**Table 34. Refiner/Reseller Premium Gasoline Prices  
by Seller, PAD District, and State  
(Cents per Gallon Excluding Taxes)**

Geographic Area Month	Major Refiners			Other Refiners			All Refiners			Resellers		
	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale
	Through Company Outlets	Other End Users		Through Company Outlets	Other End Users		Through Company Outlets	Other End Users		Through Company Outlets	Other End Users	
<b>U.S. Average</b>												
July 1993 ....	92.0	71.4	73.9	88.3	69.2	62.4	91.2	70.8	72.6	88.5	80.2	73.0
June 1993 .....	93.9	75.7	77.4	91.4	73.1	66.3	93.4	75.1	76.0	91.0	82.7	75.9
July 1992 . . . .	97.2	79.4	81.8	95.0	78.5	71.8	96.8	79.2	80.8	95.2	87.3	81.3
<b>PAD District I Average</b>												
July 1993 ....	92.2	67.3	74.4	88.4	67.3	61.3	91.7	67.3	73.5	90.7	76.7	72.9
June 1993 .....	93.3	72.3	77.4	89.9	70.8	65.2	92.9	71.7	78.5	91.7	81.1	75.8
July 1992 .....	97.2	75.8	81.5	95.3	75.0	70.4	97.0	75.5	80.7	96.9	86.3	81.2
<b>Subdistrict IA Average</b>												
July 1993 ....	96.9	66.2	75.1	-	W	61.7	96.9	63.2	74.6	92.8	76.1	72.9
June 1993 .....	98.0	72.7	77.0	-	W	64.4	98.0	68.8	76.5	93.7	77.9	76.7
July 1992 .....	104.5	82.5	84.1	-	W	W	104.5	72.7	83.4	101.0	83.1	83.9
<b>Connecticut</b>												
July 1993 ....	W	W	75.7	-	W	W	W	63.4	75.3	95.1	73.9	76.0
June 1993 .....	W	W	78.1	-	W	W	W	69.8	77.7	96.7	75.8	78.7
July 1992 ....	W	81.0	83.5	-	W	W	W	76.8	83.3	101.6	83.3	84.5
<b>Maine</b>												
July 1993 ....	-	W	69.4	-	-	W	-	W	69.3	96.7	80.2	73.7
June 1993 .....	-	W	72.0	-	-	W	-	W	71.8	97.8	81.1	77.5
July 1992 .....	-	W	79.1	-	W	W	-	W	78.9	101.7	86.7	82.1
<b>Massachusetts</b>												
July 1993 .....	97.1	W	76.0	-	W	W	97.1	62.9	75.6	91.3	72.9	68.6
June 1993 .....	98.6	73.4	77.1	-	W	W	98.6	68.4	76.6	92.1	75.8	73.7
July 1992 .....	105.4	86.6	85.6	-	W	W	105.4	W	84.7	100.6	81.3	82.6
<b>New Hampshire</b>												
July 1993 .....	95.6	-	75.2	-	W	W	95.6	W	74.5	94.7	79.4	70.2
June 1993 .....	95.5	-	78.4	-	W	W	95.5	W	W	95.1	80.5	82.2
July 1992 .....	103.5	-	84.4	-	W	W	103.5	W	W	103.7	87.9	86.7
<b>Rhode Island</b>												
July 1993 .....	89.2	W	74.2	-	W	W	89.2	65.7	73.7	84.3	76.7	64.0
June 1993 .....	90.3	W	77.6	-	W	W	90.3	67.9	77.0	85.1	77.2	68.3
July 1992 .....	99.6	W	84.9	-	-	W	99.6	W	82.7	96.1	77.6	77.9
<b>Vermont</b>												
July 1993 .....	-	-	W	-	-	W	-	-	W	96.3	83.0	81.6
June 1993 .....	-	-	W	-	-	W	-	-	76.2	97.0	85.9	85.3
July 1992 .....	-	-	W	-	-	W	-	-	81.3	102.4	86.2	90.7
<b>Subdistrict IB Average</b>												
July 1993 .....	90.7	69.8	75.9	90.7	69.4	62.9	90.7	68.6	76.1	88.1	78.5	71.2
June 1993 .....	91.4	74.4	78.5	90.8	71.7	66.3	91.4	72.8	77.7	88.5	80.4	73.7
July 1992 .....	98.7	77.0	83.2	97.7	78.6	71.9	98.6	77.7	82.5	97.0	85.4	79.2
<b>Delaware</b>												
July 1993 .....	W	-	72.6	-	-	W	W	-	72.5	86.3	80.5	72.1
June 1993 .....	W	W	75.1	-	-	W	W	W	74.8	86.9	80.6	76.3
July 1992 .....	W	W	82.0	-	-	66.2	W	W	80.3	96.1	86.4	74.9
<b>District of Columbia</b>												
July 1993 .....	-	W	81.4	-	-	W	-	W	81.4	W	85.4	69.7
June 1993 .....	-	W	83.3	-	-	W	-	W	83.3	W	70.5	70.4
July 1992 .....	-	W	88.3	-	-	W	-	W	88.1	W	86.3	70.9
<b>Maryland</b>												
July 1993 .....	-	69.2	75.5	NA	W	W	NA	67.4	75.2	87.4	79.0	71.4
June 1993 .....	-	73.2	77.6	W	W	W	W	72.5	77.6	87.9	81.4	74.1
July 1992 .....	-	74.8	83.8	-	-	85.0	-	74.8	83.9	98.7	86.6	82.0
<b>New Jersey</b>												
July 1993 .....	88.5	66.2	75.8	W	W	69.4	98.4	66.7	75.0	92.5	78.5	68.9
June 1993 .....	89.3	70.9	78.2	W	W	W	99.1	60.6	77.7	92.8	78.4	70.5
July 1992 .....	104.3	75.4	82.1	W	W	80.8	104.2	75.3	81.4	99.4	84.8	77.4
<b>New York</b>												
July 1993 .....	86.8	71.2	79.1	W	W	61.6	88.7	70.1	77.7	91.5	75.5	71.5
June 1993 .....	87.6	75.5	81.7	W	W	64.9	87.4	72.7	80.9	92.1	76.0	72.9
July 1992 .....	94.6	79.7	85.6	W	W	70.2	94.4	78.1	85.0	97.0	80.0	80.7
<b>Pennsylvania</b>												
July 1993 .....	88.5	74.2	71.7	94.0	73.2	64.9	89.3	73.4	71.3	83.9	82.6	75.1
June 1993 .....	89.3	78.8	74.8	94.3	76.1	64.9	90.0	76.9	73.7	83.7	85.2	77.6
July 1992 .....	97.9	81.8	80.9	101.4	82.6	70.6	98.4	82.3	80.0	95.1	90.3	78.9

See footnotes at end of table.

**Table 34. Refiner/Reseller Premium Gasoline Prices  
by Seller, PAD District, and State (Continued)**  
(Cents per Gallon Excluding Taxes)

Geographic Area Month	Major Refiners			Other Refiners			All Refiners			Resellers		
	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale
	Through Company Outlets	Other End Users		Through Company Outlets	Other End Users		Through Company Outlets	Other End Users		Through Company Outlets	Other End Users	
<b>Subdistrict IC Average</b>												
July 1993	92.7	66.3	72.6	87.2	66.1	59.9	92.0	66.2	71.5	91.4	79.4	74.3
June 1993	94.1	71.3	76.2	89.4	70.8	64.5	93.5	71.2	75.2	92.7	82.2	77.1
July 1992	95.5	74.9	78.5	94.0	73.4	69.2	95.3	74.5	77.8	95.9	87.9	82.0
<b>Florida</b>												
July 1993	95.2	W	78.8	90.0	W	60.9	94.8	64.3	77.6	93.6	79.6	78.0
June 1993	96.7	W	82.0	92.9	W	65.3	96.4	68.8	80.7	94.8	83.2	80.3
July 1992	95.5	73.4	81.8	94.4	W	70.0	95.4	72.9	81.0	98.8	88.9	84.6
<b>Georgia</b>												
July 1993	88.3	65.2	69.0	84.8	-	60.0	88.0	65.2	68.2	90.1	82.8	73.2
June 1993	89.1	70.4	72.9	85.5	-	64.0	88.7	70.4	72.1	91.4	84.4	76.1
July 1992	92.5	74.4	76.4	91.9	-	69.0	92.5	74.4	75.8	96.2	86.8	83.4
<b>North Carolina</b>												
July 1993	89.8	70.5	66.5	W	-	59.3	88.1	70.5	65.9	89.5	74.0	73.9
June 1993	91.4	69.7	70.6	W	-	64.0	90.1	69.7	70.0	90.9	77.9	76.5
July 1992	95.1	73.6	74.9	W	-	69.5	94.8	73.6	73.9	92.8	85.8	80.5
<b>South Carolina</b>												
July 1993	84.2	66.5	66.5	W	-	59.6	84.1	66.5	65.9	92.8	78.8	69.8
June 1993	95.4	70.9	70.6	W	-	63.7	85.3	70.9	70.0	94.0	80.5	73.0
July 1992	92.6	74.8	74.9	W	-	69.0	92.7	74.8	74.4	96.6	86.4	78.8
<b>Virginia</b>												
July 1993	95.7	67.1	72.8	W	64.2	58.8	92.4	65.7	71.4	91.0	80.3	75.3
June 1993	97.5	72.0	75.7	W	67.7	64.0	94.7	70.1	74.6	92.6	82.6	78.6
July 1992	99.9	74.6	79.7	W	W	67.6	98.2	74.0	78.5	96.2	90.4	80.3
<b>West Virginia</b>												
July 1993	99.5	78.2	71.7	93.5	W	63.8	97.3	76.9	70.5	90.2	78.3	79.6
June 1993	100.3	84.0	76.5	93.9	W	69.5	97.9	84.8	75.6	90.3	83.1	83.1
July 1992	105.2	85.8	80.2	96.1	W	73.0	102.0	85.8	79.3	95.0	86.7	86.4
<b>PAD District II Average</b>												
July 1993	88.1	73.1	68.6	81.9	66.4	61.6	86.6	72.7	67.7	85.4	79.5	70.9
June 1993	92.0	76.9	73.7	86.9	71.8	66.0	90.7	76.6	72.4	87.9	81.9	74.0
July 1992	92.1	81.2	76.1	88.8	77.6	70.1	91.2	81.1	75.1	90.3	86.5	78.0
<b>Illinois</b>												
July 1993	88.4	69.2	71.4	W	-	60.9	86.8	69.2	70.7	84.6	80.5	69.0
June 1993	92.5	77.0	76.1	W	-	65.2	91.5	77.0	75.1	87.5	82.0	73.2
July 1992	92.7	82.4	77.7	W	-	68.6	92.1	82.4	76.9	93.0	85.4	78.9
<b>Indiana</b>												
July 1993	83.2	NA	68.7	W	W	60.4	82.1	63.3	67.3	86.5	76.9	72.5
June 1993	88.6	72.2	73.9	W	W	65.4	87.5	69.8	72.7	90.0	83.0	77.0
July 1992	87.7	78.0	75.9	W	W	70.2	86.8	76.0	75.2	88.0	86.9	77.5
<b>Iowa</b>												
July 1993	80.1	-	NA	76.2	-	62.5	77.4	-	63.5	78.8	85.1	69.5
June 1993	83.8	-	71.6	80.0	-	67.6	81.2	-	70.7	81.8	82.7	72.2
July 1992	95.3	-	75.7	91.8	-	71.0	92.8	-	74.8	90.2	87.7	75.5
<b>Kansas</b>												
July 1993	88.7	W	66.2	79.9	W	61.8	83.7	W	64.1	84.9	78.7	69.5
June 1993	93.7	W	70.9	83.9	W	66.7	88.2	W	68.9	87.1	81.3	72.6
July 1992	91.2	W	73.5	84.2	W	70.1	87.4	W	71.8	89.7	83.5	77.3
<b>Kentucky</b>												
July 1993	92.6	76.6	69.0	88.6	-	63.3	92.4	76.6	68.6	89.6	79.3	74.6
June 1993	95.0	82.1	73.5	NA	-	67.3	94.1	82.1	73.1	91.6	82.6	77.7
July 1992	95.2	84.5	76.6	87.7	-	70.8	94.4	84.5	76.2	91.9	87.6	83.1
<b>Michigan</b>												
July 1993	84.7	73.7	68.6	W	-	62.6	83.3	73.7	67.9	86.7	81.3	70.7
June 1993	91.0	76.6	74.9	W	-	67.9	88.7	76.6	74.0	90.0	85.1	74.7
July 1992	89.0	81.9	75.1	W	-	72.1	88.6	81.9	74.8	91.0	90.4	78.8
<b>Minnesota</b>												
July 1993	89.8	W	71.0	91.2	W	65.2	90.1	W	69.8	88.9	82.1	70.7
June 1993	92.7	W	75.4	95.3	-	69.5	93.3	W	74.2	90.7	85.6	73.9
July 1992	94.1	-	79.7	88.2	W	72.6	95.1	W	77.6	92.2	89.7	77.6
<b>Missouri</b>												
July 1993	88.9	W	68.2	82.1	W	61.9	86.0	63.3	66.8	82.3	76.5	68.1
June 1993	94.2	69.8	72.8	85.5	-	66.0	90.5	69.8	71.2	84.7	79.6	71.8
July 1992	95.0	W	76.4	89.3	-	70.5	92.9	W	75.0	87.1	92.0	74.8

See footnotes at end of table

**Table 34. Refiner/Reseller Premium Gasoline Prices  
by Seller, PAD District, and State (Continued)**  
(Cents per Gallon Excluding Taxes)

Geographic Area Month	Major Refiners			Other Refiners			All Refiners			Resellers		
	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale
	Through Company Outlets	Other End Users		Through Company Outlets	Other End Users		Through Company Outlets	Other End Users		Through Company Outlets	Other End Users	
<b>Nebraska</b>												
July 1993 .....	W	-	68.2	W	W	62.9	85.5	W	67.1	82.9	73.9	69.2
June 1993 .....	W	-	73.2	W	W	67.7	88.9	W	72.1	86.5	80.2	71.4
July 1992 .....	W	-	76.2	86.2	-	72.8	89.8	-	75.4	87.6	W	74.8
<b>North Dakota</b>												
July 1993 .....	98.9	-	75.4	W	-	65.6	98.5	-	72.7	91.8	87.1	69.5
June 1993 .....	99.3	-	79.9	-	-	70.4	99.3	-	77.0	92.0	89.0	NA
July 1992 .....	98.6	-	82.7	W	-	75.1	98.1	-	80.7	96.3	94.7	83.1
<b>Ohio</b>												
July 1993 .....	89.4	W	71.0	W	W	61.8	88.2	78.1	70.4	84.1	82.1	70.4
June 1993 .....	92.5	80.7	75.8	W	W	67.2	91.8	80.8	75.3	87.2	80.4	73.9
July 1992 .....	91.4	84.3	76.9	W	W	70.7	90.9	84.4	76.6	88.4	82.6	75.7
<b>Oklahoma</b>												
July 1993 .....	84.6	65.0	62.2	83.5	W	60.3	84.3	64.2	61.4	78.0	71.0	68.2
June 1993 .....	88.9	68.1	66.9	86.0	W	63.7	88.2	67.9	65.3	81.4	74.1	69.7
July 1992 .....	87.0	71.7	71.3	85.7	-	68.0	86.7	71.7	69.9	84.3	74.0	75.5
<b>South Dakota</b>												
July 1993 .....	W	-	72.2	W	-	68.7	88.9	-	71.3	93.4	84.5	76.8
June 1993 .....	W	-	76.7	W	-	74.3	89.2	-	76.1	94.2	87.0	79.9
July 1992 .....	W	-	81.4	W	-	79.6	W	-	80.9	101.6	99.2	87.8
<b>Tennessee</b>												
July 1993 .....	91.4	63.5	67.1	87.3	W	59.4	90.1	63.4	66.3	88.1	73.2	74.5
June 1993 .....	92.9	68.4	71.4	91.0	W	64.2	92.3	67.9	70.6	88.9	74.8	77.2
July 1992 .....	97.9	73.6	75.5	92.5	W	68.1	96.1	73.3	74.4	92.7	82.7	80.7
<b>Wisconsin</b>												
July 1993 .....	83.9	W	67.6	W	-	62.5	83.3	W	66.6	85.2	84.1	70.2
June 1993 .....	88.0	72.5	72.5	W	W	67.1	87.7	78.9	71.2	87.8	86.1	72.7
July 1992 .....	95.4	W	76.0	W	W	71.3	94.0	W	75.0	93.4	86.6	75.2
<b>PAD District III Average</b>												
July 1993 .....	92.3	67.0	67.2	90.8	NA	59.7	91.9	66.1	65.4	89.4	76.5	73.6
June 1993 .....	93.8	71.0	71.5	92.6	66.4	63.7	93.4	70.1	69.4	90.6	80.3	75.9
July 1992 .....	97.1	73.4	74.9	95.8	74.5	68.4	96.8	73.6	73.4	93.1	82.2	81.5
<b>Alabama</b>												
July 1993 .....	91.9	65.1	66.7	84.5	W	59.8	90.2	64.5	65.7	91.9	78.8	77.5
June 1993 .....	93.5	69.6	70.9	87.5	W	64.2	92.1	68.5	69.9	93.8	82.4	80.1
July 1992 .....	96.9	73.6	75.1	93.0	W	69.5	96.0	72.4	74.3	97.3	87.7	86.2
<b>Arkansas</b>												
July 1993 .....	93.9	W	65.4	W	-	59.8	92.0	W	63.4	88.7	72.5	67.9
June 1993 .....	93.2	-	69.9	W	W	64.2	93.6	W	67.8	89.9	74.6	71.4
July 1992 .....	96.6	W	73.7	W	-	68.5	92.6	W	72.1	90.5	83.2	75.5
<b>Louisiana</b>												
July 1993 .....	92.4	62.7	67.9	94.3	NA	59.9	92.6	63.5	66.5	89.7	78.6	74.8
June 1993 .....	93.0	67.7	73.3	94.8	NA	63.5	93.3	68.3	70.9	90.3	81.9	78.1
July 1992 .....	96.6	71.9	74.5	98.5	NA	67.3	96.9	72.8	72.9	91.1	79.8	83.8
<b>Mississippi</b>												
July 1993 .....	89.1	W	61.8	87.7	59.3	59.6	88.6	62.9	61.5	88.3	77.3	74.8
June 1993 .....	91.0	W	68.7	89.3	64.5	64.5	90.2	68.2	67.9	90.2	80.8	78.4
July 1992 .....	94.3	73.5	74.4	89.4	69.1	69.0	92.2	71.4	73.0	92.6	83.4	78.7
<b>New Mexico</b>												
July 1993 .....	103.5	W	79.0	102.1	-	73.2	102.5	W	77.6	98.7	87.1	81.0
June 1993 .....	104.7	W	81.0	101.2	-	76.2	102.2	W	79.8	96.6	89.9	84.2
July 1992 .....	102.7	W	82.9	103.8	-	80.1	103.5	W	82.4	97.1	93.4	89.3
<b>Texas</b>												
July 1993 .....	92.2	68.4	68.2	90.3	NA	59.0	91.7	66.6	65.8	87.9	74.1	73.4
June 1993 .....	93.9	71.5	71.4	92.1	66.1	63.0	93.4	70.1	68.9	89.0	80.1	74.9
July 1992 .....	97.2	73.7	74.8	95.8	79.7	68.0	96.8	74.3	73.1	92.9	78.7	81.3
<b>PAD District IV Average</b>												
July 1993 .....	91.5	72.4	74.1	96.9	W	70.3	93.2	72.7	73.1	88.8	83.4	78.4
June 1993 .....	93.7	74.2	76.7	99.3	W	73.7	95.6	74.5	75.9	90.7	84.8	78.0
July 1992 .....	101.0	84.4	87.8	106.2	W	84.3	102.7	86.0	86.6	100.6	94.9	90.1

See footnotes at end of table.

**Table 34. Refiner/Reseller Premium Gasoline Prices  
by Seller, PAD District, and State (Continued)**  
(Cents per Gallon Excluding Taxes)

Geographic Area Month	Major Refiners			Other Refiners			All Refiners			Resellers		
	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale
	Through Company Outlets	Other End Users		Through Company Outlets	Other End Users		Through Company Outlets	Other End Users		Through Company Outlets	Other End Users	
<b>Colorado</b>												
July 1993	96.6	W	71.8	98.2	W	65.4	97.2	W	69.9	94.2	79.7	73.2
June 1993	97.4	W	75.9	100.4	W	69.7	98.6	73.3	74.0	95.7	81.7	76.6
July 1992	103.6	W	87.7	106.8	W	80.7	104.9	87.2	84.7	102.5	91.8	88.5
<b>Idaho</b>												
July 1993	-	W	76.4	W	-	74.8	W	W	76.1	84.0	87.9	80.7
June 1993	-	W	77.3	W	-	75.9	W	W	77.0	85.6	87.9	79.8
July 1992	W	-	89.7	W	-	88.8	101.7	-	89.5	99.5	99.3	92.6
<b>Montana</b>												
July 1993	-	W	79.4	W	W	79.0	W	W	79.3	94.4	91.8	80.1
June 1993	-	-	80.8	W	-	80.1	W	-	80.6	94.8	90.1	82.3
July 1992	W	-	91.2	W	-	91.4	W	-	91.3	102.6	99.6	90.1
<b>Utah</b>												
July 1993	83.1	W	72.6	W	W	70.6	83.1	71.6	72.2	84.3	80.4	76.9
June 1993	87.5	W	74.7	W	W	73.3	87.5	74.1	74.4	87.7	79.9	78.7
July 1992	95.2	W	85.1	W	W	84.3	95.3	84.8	84.9	95.5	91.5	89.6
<b>Wyoming</b>												
July 1993	W	-	74.6	W	W	71.3	92.6	W	73.4	94.8	NA	74.3
June 1993	W	-	77.4	W	W	75.0	94.5	W	76.6	94.6	91.6	80.4
July 1992	W	-	88.2	W	W	87.6	103.5	W	88.0	108.8	100.4	90.9
<b>PAD District V Average</b>												
July 1993	98.0	78.1	83.0	96.0	78.3	70.4	97.6	78.1	82.0	100.4	87.5	76.9
June 1993	98.4	81.4	85.7	98.4	83.7	72.8	98.4	82.0	84.6	100.4	88.5	81.3
July 1992	105.7	86.2	92.5	103.2	84.2	79.0	105.2	85.6	91.3	105.1	95.7	90.0
<b>Alaska</b>												
July 1993	W	W	86.1	108.2	W	W	106.8	80.2	84.2	NA	108.7	94.5
June 1993	W	W	86.3	106.3	W	W	105.1	80.6	84.6	NA	112.2	94.4
July 1992	W	W	90.6	113.3	W	W	111.3	W	89.1	123.3	107.8	102.5
<b>Arizona</b>												
July 1993	99.2	W	84.6	W	-	75.0	99.2	W	84.2	101.1	78.8	88.0
June 1993	98.9	W	85.5	W	-	78.3	98.9	W	85.2	99.9	85.1	87.6
July 1992	103.4	W	90.6	W	W	84.1	103.6	W	90.4	104.1	90.0	93.4
<b>California</b>												
July 1993	97.4	77.1	82.4	91.7	W	69.0	96.1	76.9	81.3	94.8	85.9	72.7
June 1993	97.9	80.7	85.5	95.1	W	71.4	97.3	80.5	84.1	95.2	87.9	78.1
July 1992	105.8	85.7	92.6	100.4	W	77.0	104.6	85.4	91.1	103.2	95.2	86.8
<b>Hawaii</b>												
July 1993	W	W	105.0	W	W	W	117.9	W	104.1	133.7	114.6	115.7
June 1993	W	W	106.8	W	W	W	118.0	W	106.0	133.8	112.6	115.9
July 1992	W	W	104.3	W	W	W	119.4	87.1	103.6	W	123.8	116.5
<b>Nevada</b>												
July 1993	W	W	80.0	W	W	73.2	93.0	W	79.3	101.8	81.5	75.8
June 1993	W	W	81.1	W	W	76.4	92.0	77.9	80.7	101.8	89.4	77.7
July 1992	89.5	W	89.6	W	-	85.4	99.7	W	89.3	105.6	87.4	80.0
<b>Oregon</b>												
July 1993	103.2	-	84.6	W	W	NA	103.4	W	83.8	99.9	91.1	89.0
June 1993	103.7	W	86.1	W	-	NA	104.0	W	85.6	100.2	95.1	89.9
July 1992	109.0	-	92.7	W	-	87.0	109.7	-	92.2	109.3	98.6	94.9
<b>Washington</b>												
July 1993	96.3	W	80.6	W	-	74.4	96.3	W	80.4	97.5	88.2	83.5
June 1993	97.3	W	82.6	W	-	78.6	97.3	W	82.7	98.0	82.3	86.4
July 1992	104.7	87.8	90.4	W	W	88.1	104.7	88.6	W	104.0	98.2	94.0

ata reported.

3.

void disclosure of individual company data.

1 for the current month are preliminary. Values shown for previous month are revised. Data are final upon publication in the

ual.  
and Gas Plant Operators: Energy Information Administration Form EIA-782A, "Refiners/Gas Plant Operators' Monthly  
Report;" Resellers: Energy Information Administration Form EIA-782B, "Reseller/Retailers' Monthly Petroleum Product Sales



**Table 35. Refiner Prices of Aviation Fuels and Propane  
by PAD District and State**  
(Cents per Gallon Excluding Taxes)

Geographic Area Month	Aviation Gasoline		Kerosene-Type Jet Fuel		Propane (Consumer Grade)	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
<b>U.S. Average</b>						
July 1993 .....	89.7	97.9	55.3	55.0	62.2	33.3
June 1993 .....	102.5	99.1	58.7	58.4	63.9	33.8
July 1992 .....	106.8	102.0	64.9	64.8	52.3	31.5
<b>PAD District I Average</b>						
July 1993 .....	97.8	94.3	54.0	54.8	NA	36.4
June 1993 .....	101.0	96.9	57.3	58.5	66.2	37.0
July 1992 .....	105.7	101.6	64.9	66.4	W	37.5
<b>Subdistrict IA Average</b>						
July 1993 .....	W	W	57.0	58.2	W	37.3
June 1993 .....	W	W	60.3	61.8	W	39.2
July 1992 .....	W	W	68.0	70.7	W	38.7
<b>Connecticut</b>						
July 1993 .....	W	W	57.0	W	W	39.1
June 1993 .....	W	W	59.9	W	W	40.4
July 1992 .....	W	W	66.0	W	W	37.5
<b>Maine</b>						
July 1993 .....	W	-	W	W	W	40.4
June 1993 .....	W	-	W	W	W	41.5
July 1992 .....	W	-	74.6	W	W	W
<b>Massachusetts</b>						
July 1993 .....	W	W	55.9	57.6	W	37.5
June 1993 .....	W	W	59.5	61.1	W	39.2
July 1992 .....	W	W	67.0	70.0	W	39.9
<b>New Hampshire</b>						
July 1993 .....	W	W	58.5	W	NA	32.9
June 1993 .....	W	W	63.1	W	W	35.2
July 1992 .....	W	W	70.6	W	W	36.3
<b>Rhode Island</b>						
July 1993 .....	W	W	57.5	W	-	NA
June 1993 .....	W	W	61.1	W	-	43.2
July 1992 .....	W	W	69.2	W	-	41.5
<b>Vermont</b>						
July 1993 .....	W	W	W	W	NA	41.6
June 1993 .....	W	W	W	W	W	42.5
July 1992 .....	W	W	W	W	W	43.2
<b>Subdistrict IB Average</b>						
July 1993 .....	99.1	94.5	53.3	53.8	W	33.5
June 1993 .....	102.9	96.8	56.4	57.1	W	34.2
July 1992 .....	W	105.4	64.2	64.9	69.8	34.6
<b>Delaware</b>						
July 1993 .....	W	W	62.9	W	-	W
June 1993 .....	W	-	67.6	W	-	W
July 1992 .....	W	-	72.0	W	-	W
<b>District of Columbia</b>						
July 1993 .....	W	-	W	-	-	-
June 1993 .....	-	-	W	-	-	-
July 1992 .....	-	-	-	-	-	-
<b>Maryland</b>						
July 1993 .....	W	W	52.8	55.8	NA	W
June 1993 .....	W	W	56.4	59.2	W	W
July 1992 .....	W	W	64.4	67.5	W	W
<b>New Jersey</b>						
July 1993 .....	97.7	W	53.1	53.8	W	33.6
June 1993 .....	101.7	W	56.2	56.4	W	33.4
July 1992 .....	W	W	63.8	64.1	77.2	33.5
<b>New York</b>						
July 1993 .....	W	W	57.5	53.6	W	39.8
June 1993 .....	W	W	61.2	63.2	W	40.0
July 1992 .....	W	W	69.3	70.5	W	38.3
<b>Pennsylvania</b>						
July 1993 .....	W	99.2	52.8	53.8	NA	31.5
June 1993 .....	W	101.5	56.3	56.9	78.6	32.6
July 1992 .....	W	102.2	64.1	64.7	83.5	33.5
<b>Subdistrict IC Average</b>						
July 1993 .....	95.6	94.8	54.0	56.7	NA	36.0
June 1993 .....	98.6	97.1	57.7	61.7	79.3	38.9
July 1992 .....	103.1	99.1	65.0	69.6	W	39.2

See footnotes at end of table.

**Table 35. Refiner Prices of Aviation Fuels and Propane  
by PAD District and State (Continued)**  
(Cents per Gallon Excluding Taxes)

Geographic Area Month	Aviation Gasoline		Kerosene-Type Jet Fuel		Propane (Consumer Grade)	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
<b>Florida</b>						
July 1993 . . . . .	92.9	90.4	55.0	57.8	W	42.0
June 1993 . . . . .	96.1	94.2	58.5	62.5	W	42.8
July 1992 . . . . .	101.2	97.4	65.8	70.3	W	42.4
<b>Georgia</b>						
July 1993 . . . . .	96.9	96.4	52.7	53.2	NA	36.9
June 1993 . . . . .	99.6	98.2	57.0	59.6	W	37.1
July 1992 . . . . .	103.3	99.5	64.0	66.1	W	38.0
<b>North Carolina</b>						
July 1993 . . . . .	W	W	53.3	57.8	NA	37.9
June 1993 . . . . .	W	W	57.2	61.9	60.4	38.1
July 1992 . . . . .	108.8	100.4	64.4	71.5	W	38.8
<b>South Carolina</b>						
July 1993 . . . . .	W	97.5	57.8	W	W	37.5
June 1993 . . . . .	W	98.2	61.0	64.5	88.6	37.2
July 1992 . . . . .	W	98.7	68.7	W	W	38.2
<b>Virginia</b>						
July 1993 . . . . .	102.8	100.7	53.4	57.3	67.4	35.3
June 1993 . . . . .	W	W	56.8	60.9	71.8	38.0
July 1992 . . . . .	W	103.5	64.4	69.3	65.5	38.9
<b>West Virginia</b>						
July 1993 . . . . .	W	W	W	W	NA	W
June 1993 . . . . .	W	W	W	W	W	W
July 1992 . . . . .	W	W	73.8	W	W	37.7
<b>PAD District II Average</b>						
July 1993 . . . . .	97.4	96.0	54.3	55.9	73.9	34.1
June 1993 . . . . .	97.8	96.8	57.3	60.1	78.6	34.2
July 1992 . . . . .	99.4	97.1	64.7	67.9	NA	28.1
<b>Illinois</b>						
July 1993 . . . . .	W	W	52.9	55.7	73.6	34.9
June 1993 . . . . .	W	W	56.3	58.9	75.2	33.2
July 1992 . . . . .	W	W	64.2	65.7	70.7	28.4
<b>Indiana</b>						
July 1993 . . . . .	98.7	95.7	53.0	52.3	83.5	36.4
June 1993 . . . . .	99.6	96.1	55.8	58.3	87.1	36.0
July 1992 . . . . .	98.6	95.5	63.6	64.3	74.0	30.8
<b>Iowa</b>						
July 1993 . . . . .	W	96.0	58.6	60.8	W	36.1
June 1993 . . . . .	W	96.7	61.5	66.8	W	36.6
July 1992 . . . . .	W	97.9	67.7	70.0	W	28.8
<b>Kansas</b>						
July 1993 . . . . .	W	93.6	W	W	36.1	33.1
June 1993 . . . . .	W	94.8	56.9	W	W	33.6
July 1992 . . . . .	W	96.1	62.8	W	W	27.0
<b>Kentucky</b>						
July 1993 . . . . .	W	97.1	56.0	56.1	W	32.6
June 1993 . . . . .	W	97.9	60.1	61.3	W	33.4
July 1992 . . . . .	W	101.2	66.4	71.2	35.1	28.0
<b>Michigan</b>						
July 1993 . . . . .	W	W	54.9	56.8	NA	35.3
June 1993 . . . . .	W	W	57.8	59.8	87.1	35.5
July 1992 . . . . .	W	W	65.1	69.2	80.8	32.0
<b>Minnesota</b>						
July 1993 . . . . .	W	97.8	56.4	58.2	W	35.5
June 1993 . . . . .	W	98.1	58.9	62.3	W	34.9
July 1992 . . . . .	W	98.8	64.9	68.3	W	27.4
<b>Missouri</b>						
July 1993 . . . . .	W	95.9	54.1	59.7	W	35.7
June 1993 . . . . .	W	96.8	57.7	63.3	W	36.5
July 1992 . . . . .	W	96.9	65.1	70.1	68.2	28.0
<b>Nebraska</b>						
July 1993 . . . . .	W	94.7	55.4	61.7	-	35.9
June 1993 . . . . .	W	95.7	58.6	66.6	-	36.6
July 1992 . . . . .	W	97.4	66.2	75.5	W	28.3
<b>North Dakota</b>						
July 1993 . . . . .	W	W	63.4	67.9	W	31.6
June 1993 . . . . .	100.9	W	66.2	70.1	W	31.9
July 1992 . . . . .	W	W	70.0	72.2	W	24.3

See footnotes at end of table.

**Table 35. Refiner Prices of Aviation Fuels and Propane  
by PAD District and State (Continued)**  
(Cents per Gallon Excluding Taxes)

Geographic Area Month	Aviation Gasoline		Kerosene-Type Jet Fuel		Propane (Consumer Grade)	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
<b>Ohio</b>						
July 1993	W	97.5	55.6	57.3	82.6	35.1
June 1993	W	98.6	58.7	61.6	87.0	35.3
July 1992	W	96.4	66.1	67.8	W	31.7
<b>Oklahoma</b>						
July 1993	W	93.6	52.5	52.3	51.5	31.9
June 1993	W	94.3	55.5	56.5	52.4	32.1
July 1992	94.6	95.4	64.5	67.0	W	26.9
<b>South Dakota</b>						
July 1993	W	W	63.0	W	W	36.7
June 1993	W	W	66.9	W	W	36.8
July 1992	W	W	73.4	W	W	28.5
<b>Tennessee</b>						
July 1993	96.0	94.3	54.5	58.0	NA	38.8
June 1993	W	96.4	56.7	62.8	W	39.3
July 1992	W	97.7	63.4	69.0	W	35.5
<b>Wisconsin</b>						
July 1993	W	96.3	54.6	60.5	77.2	36.4
June 1993	W	96.6	58.5	61.1	77.9	36.8
July 1992	W	98.0	65.8	68.8	70.2	29.0
<b>PAD District III Average</b>						
July 1993	94.4	86.3	51.5	51.8	39.8	32.4
June 1993	97.9	89.5	55.0	54.8	38.7	33.3
July 1992	103.4	91.4	62.0	62.3	35.9	33.4
<b>Alabama</b>						
July 1993	97.4	96.0	58.7	58.6	NA	34.8
June 1993	101.6	97.1	60.3	61.5	79.5	34.9
July 1992	106.2	100.1	67.9	70.4	83.7	35.9
<b>Arkansas</b>						
July 1993	W	W	57.6	58.2	W	40.4
June 1993	W	W	60.8	62.3	W	40.8
July 1992	W	W	68.9	69.8	W	37.1
<b>Louisiana</b>						
July 1993	W	88.9	51.9	51.4	W	32.5
June 1993	W	89.4	55.2	53.4	35.5	32.8
July 1992	W	97.7	61.8	62.5	W	32.5
<b>Mississippi</b>						
July 1993	96.4	94.3	51.8	51.3	W	34.5
June 1993	W	96.1	54.0	56.7	W	35.6
July 1992	105.8	98.8	61.6	64.4	W	35.5
<b>New Mexico</b>						
July 1993	W	W	53.9	56.4	35.7	32.8
June 1993	W	W	59.3	59.8	W	32.9
July 1992	W	W	64.9	67.7	30.9	29.2
<b>Texas</b>						
July 1993	93.5	82.5	51.1	51.8	33.8	32.1
June 1993	96.4	86.4	54.8	54.7	34.4	33.0
July 1992	102.6	87.5	62.0	62.0	34.0	33.3
<b>PAD District IV Average</b>						
July 1993	103.5	101.3	58.5	61.8	NA	30.4
June 1993	104.3	102.2	62.2	64.7	75.3	29.5
July 1992	114.4	105.6	67.7	72.7	68.6	24.3
<b>Colorado</b>						
July 1993	W	99.4	54.6	57.3	NA	31.9
June 1993	W	100.8	57.9	60.1	64.0	31.0
July 1992	W	103.6	64.2	69.3	66.9	26.2
<b>Idaho</b>						
July 1993	W	113.5	69.3	73.0	W	34.3
June 1993	W	113.0	72.8	76.4	W	35.5
July 1992	W	114.0	76.7	79.7	W	W
<b>Montana</b>						
July 1993	W	W	69.4	W	W	30.3
June 1993	W	W	72.7	W	W	29.4
July 1992	W	W	75.8	W	W	23.6

See footnotes at end of table.

**Table 35. Refiner Prices of Aviation Fuels and Propane  
by PAD District and State (Continued)**  
(Cents per Gallon Excluding Taxes)

Geographic Area Month	Aviation Gasoline		Kerosene-Type Jet Fuel		Propane (Consumer Grade)	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
<b>Utah</b>						
July 1993	104.2	101.3	62.5	65.5	NA	33.7
June 1993	104.3	101.8	65.7	71.9	W	30.8
July 1992	107.5	107.1	70.5	76.8	W	25.5
<b>Wyoming</b>						
July 1993	W	W	74.3	W	45.3	28.1
June 1993	W	W	77.2	W	NA	27.9
July 1992	W	W	81.4	W	NA	22.8
<b>PAD District V Average</b>						
July 1993	108.7	108.4	59.6	58.9	NA	30.6
June 1993	113.3	107.6	63.1	63.2	74.5	32.7
July 1992	115.2	112.9	66.9	66.0	72.0	26.3
<b>Alaska</b>						
July 1993	W	119.0	64.4	68.4	NA	W
June 1993	W	122.0	67.8	70.2	W	W
July 1992	W	W	72.8	W	W	W
<b>Arizona</b>						
July 1993	W	99.3	60.7	64.6	NA	40.1
June 1993	W	101.4	64.0	65.7	W	39.0
July 1992	W	W	69.0	71.5	W	36.4
<b>California</b>						
July 1993	105.0	102.2	58.3	58.7	W	31.0
June 1993	110.0	104.3	61.8	61.9	W	32.8
July 1992	W	108.3	65.5	65.7	W	25.3
<b>Hawaii</b>						
July 1993	W	W	61.6	W	W	W
June 1993	W	W	65.5	W	W	W
July 1992	W	W	70.8	W	W	W
<b>Nevada</b>						
July 1993	W	W	61.0	62.6	NA	W
June 1993	W	101.3	64.3	66.1	W	35.4
July 1992	W	W	68.7	70.8	W	W
<b>Oregon</b>						
July 1993	W	104.0	60.0	66.2	W	37.9
June 1993	W	105.2	63.6	66.1	W	39.0
July 1992	W	110.1	67.2	73.8	W	33.8
<b>Washington</b>						
July 1993	109.7	W	59.1	NA	NA	25.1
June 1993	110.6	W	62.7	67.1	W	28.2
July 1992	W	W	65.3	62.9	W	21.7

Dashes (-) = No data reported.

NA = Not available

W = Withheld to avoid disclosure of individual company data

Note: Values shown for the current month are preliminary. Values shown for previous month are revised. Data are final upon publication in the Petroleum Marketing Annual.

Note: PAD District and U.S. averages represent data for all States. In certain PAD Districts, however, prices are not shown for every State.

Source: Energy Information Administration Form EIA-762A, "Refiners/Gas Plant Operators' Monthly Petroleum Product Sales Report."

**Table 36. Refiner Prices of Kerosene and Distillates  
by PAD District and State**  
(Cents per Gallon Excluding Taxes)

Geographic Area Month	Kerosene		No. 1 Distillate		No. 2 Distillate	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
<b>U.S. Average</b>						
July 1993 .....	61.4	53.6	60.5	59.1	56.6	52.2
June 1993 .....	65.3	56.9	64.0	63.0	60.2	56.2
July 1992 .....	70.5	65.7	68.9	68.8	64.3	61.6
<b>PAD District I Average</b>						
July 1993 .....	61.2	55.1	57.7	55.9	56.0	51.4
June 1993 .....	64.4	57.8	60.6	59.7	59.3	54.7
July 1992 .....	69.8	67.7	65.9	65.4	64.3	61.8
<b>Subdistrict IA Average</b>						
July 1993 .....	W	55.9	55.7	W	55.3	52.4
June 1993 .....	63.6	59.3	57.8	W	58.9	56.1
July 1992 .....	69.2	65.3	W	W	64.9	62.2
<b>Connecticut</b>						
July 1993 .....	W	W	W	W	55.2	52.3
June 1993 .....	W	59.0	W	W	58.2	55.2
July 1992 .....	W	W	W	W	65.4	61.5
<b>Maine</b>						
July 1993 .....	-	W	W	W	51.9	52.0
June 1993 .....	W	62.0	-	62.4	55.7	55.2
July 1992 .....	-	W	W	W	63.9	63.1
<b>Massachusetts</b>						
July 1993 .....	W	W	W	W	56.5	52.7
June 1993 .....	W	W	W	W	60.4	58.0
July 1992 .....	69.2	W	-	W	65.0	62.9
<b>New Hampshire</b>						
July 1993 .....	-	W	W	-	52.7	52.6
June 1993 .....	-	W	W	W	55.5	55.9
July 1992 .....	-	W	W	W	62.9	63.4
<b>Rhode Island</b>						
July 1993 .....	-	-	W	-	53.7	51.9
June 1993 .....	-	W	W	-	56.7	54.7
July 1992 .....	-	-	W	W	63.7	61.9
<b>Vermont</b>						
July 1993 .....	-	W	-	-	W	W
June 1993 .....	-	W	-	W	59.2	W
July 1992 .....	-	W	-	W	65.5	63.7
<b>Subdistrict IB Average</b>						
July 1993 .....	W	54.6	62.7	56.8	56.7	51.4
June 1993 .....	64.1	57.3	60.5	60.0	59.9	54.4
July 1992 .....	69.4	67.3	70.0	64.7	64.9	61.6
<b>Delaware</b>						
July 1993 .....	-	W	W	W	54.7	50.6
June 1993 .....	-	W	-	-	57.6	53.8
July 1992 .....	-	W	-	W	62.9	W
<b>District of Columbia</b>						
July 1993 .....	-	-	-	-	53.0	53.7
June 1993 .....	-	-	-	-	W	57.2
July 1992 .....	-	-	-	-	W	62.0
<b>Maryland</b>						
July 1993 .....	W	56.6	W	W	53.3	52.5
June 1993 .....	W	61.1	-	W	58.6	55.5
July 1992 .....	W	68.7	W	-	60.5	62.6
<b>New Jersey</b>						
July 1993 .....	W	53.9	W	W	55.8	50.7
June 1993 .....	W	56.7	W	W	57.5	53.6
July 1992 .....	W	66.7	W	63.4	64.3	60.7
<b>New York</b>						
July 1993 .....	W	53.5	W	56.3	57.8	52.4
June 1993 .....	64.2	61.4	W	59.8	61.3	55.2
July 1992 .....	W	68.1	W	W	67.0	62.3
<b>Pennsylvania</b>						
July 1993 .....	72.5	57.3	76.1	57.6	57.5	51.6
June 1993 .....	NA	57.5	W	60.7	61.8	54.5
July 1992 .....	73.4	67.2	84.8	65.9	65.4	62.1
<b>Subdistrict IC Average</b>						
July 1993 .....	NA	58.0	57.3	54.5	55.7	51.2
June 1993 .....	73.1	58.8	62.3	58.7	59.0	54.8
July 1992 .....	80.4	68.8	67.0	66.2	64.0	61.8

See footnotes at end of table.

**Table 36. Refiner Prices of Kerosene and Distillates  
by PAD District and State (Continued)**  
(Cents per Gallon Excluding Taxes)

Geographic Area Month	Kerosene		No. 1 Distillate		No. 2 Distillate	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
<b>Florida</b>						
July 1993	W	56.0	W	W	55.6	51.5
June 1993	W	60.5	W	W	59.1	55.0
July 1992	W	69.9	W	W	64.2	61.9
<b>Georgia</b>						
July 1993	NA	57.1	W	W	56.5	50.7
June 1993	NA	59.2	-	65.4	59.5	54.5
July 1992	95.5	68.8	W	W	64.9	61.6
<b>North Carolina</b>						
July 1993	NA	55.6	NA	W	53.6	51.1
June 1993	NA	58.1	W	W	58.7	54.4
July 1992	NA	68.0	W	64.6	62.5	61.6
<b>South Carolina</b>						
July 1993	NA	W	-	-	56.2	51.3
June 1993	NA	59.4	W	-	59.1	54.0
July 1992	NA	60.4	W	-	63.5	62.1
<b>Virginia</b>						
July 1993	59.1	55.8	W	56.8	55.2	51.3
June 1993	W	57.8	59.3	59.8	57.8	54.7
July 1992	72.2	68.3	W	66.6	62.5	61.9
<b>West Virginia</b>						
July 1993	W	61.8	W	W	57.9	52.6
June 1993	NA	63.8	W	W	62.8	57.5
July 1992	W	70.0	W	W	67.8	63.0
<b>PAD District II Average</b>						
July 1993	61.9	58.9	55.4	55.6	54.7	51.5
June 1993	66.8	64.6	60.5	61.1	58.9	56.5
July 1992	75.2	69.3	66.0	66.7	63.4	62.1
<b>Illinois</b>						
July 1993	62.3	54.9	W	53.9	52.9	49.3
June 1993	69.8	W	W	60.9	57.6	55.0
July 1992	73.9	W	W	65.7	61.9	60.1
<b>Indiana</b>						
July 1993	W	59.5	W	55.6	53.5	50.0
June 1993	W	64.1	W	61.7	58.0	56.2
July 1992	97.1	69.9	W	66.9	61.2	60.6
<b>Iowa</b>						
July 1993	-	W	W	56.6	54.3	52.2
June 1993	-	W	W	61.2	58.4	57.2
July 1992	-	W	W	68.9	64.4	63.7
<b>Kansas</b>						
July 1993	-	W	-	54.8	53.7	51.9
June 1993	-	W	-	58.3	57.3	55.5
July 1992	-	W	W	66.2	63.0	62.6
<b>Kentucky</b>						
July 1993	NA	58.2	W	58.5	56.3	51.9
June 1993	W	63.5	W	65.4	60.8	56.8
July 1992	95.3	69.0	W	67.1	64.5	62.2
<b>Michigan</b>						
July 1993	NA	58.5	W	55.6	54.0	51.0
June 1993	NA	65.5	W	63.4	59.1	57.3
July 1992	119.6	68.2	W	68.0	63.0	61.8
<b>Minnesota</b>						
July 1993	W	63.3	W	59.2	53.1	53.0
June 1993	W	68.3	W	64.1	57.2	57.9
July 1992	W	75.1	W	70.5	65.8	64.1
<b>Missouri</b>						
July 1993	-	58.0	W	57.6	55.2	51.7
June 1993	-	63.3	W	60.8	59.1	56.3
July 1992	-	W	W	65.6	64.5	62.5
<b>Nebraska</b>						
July 1993	-	W	-	56.3	W	53.8
June 1993	-	W	-	60.1	W	57.8
July 1992	-	W	-	68.1	W	64.5
<b>North Dakota</b>						
July 1993	-	-	-	60.4	W	55.7
June 1993	-	-	-	65.1	W	60.5
July 1992	W	-	W	70.2	W	65.3

See footnotes at end of table.

**Table 36. Refiner Prices of Kerosene and Distillates  
by PAD District and State (Continued)**  
(Cents per Gallon Excluding Taxes)

Geographic Area Month	Kerosene		No. 1 Distillate		No. 2 Distillate	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
<b>Ohio</b>						
July 1993 .....	60.4	58.4	84.8	57.3	57.9	52.7
June 1993 .....	65.2	64.9	W	63.1	62.0	58.7
July 1992 .....	72.5	69.3	77.0	65.7	64.7	61.9
<b>Oklahoma</b>						
July 1993 .....	W	W	W	W	52.8	51.3
June 1993 .....	-	64.6	W	W	55.8	55.1
July 1992 .....	W	W	W	64.0	62.6	61.9
<b>South Dakota</b>						
July 1993 .....	-	-	-	57.8	53.6	55.2
June 1993 .....	-	-	-	62.0	W	59.9
July 1992 .....	-	W	W	69.7	W	65.7
<b>Tennessee</b>						
July 1993 .....	NA	59.6	W	57.8	54.9	50.7
June 1993 .....	NA	62.2	W	60.9	58.5	54.7
July 1992 .....	W	69.1	W	W	63.2	61.3
<b>Wisconsin</b>						
July 1993 .....	W	62.1	W	55.3	52.9	50.6
June 1993 .....	W	W	W	61.8	57.7	56.7
July 1992 .....	-	W	W	66.7	63.0	62.0
<b>PAD District III Average</b>						
July 1993 .....	62.1	50.8	W	58.8	55.8	50.0
June 1993 .....	W	53.5	W	57.6	59.2	53.6
July 1992 .....	W	63.0	W	66.8	63.3	59.8
<b>Alabama</b>						
July 1993 .....	W	55.9	W	W	53.6	50.3
June 1993 .....	W	58.4	W	W	57.1	53.8
July 1992 .....	W	68.8	W	W	62.1	61.0
<b>Arkansas</b>						
July 1993 .....	-	55.5	-	W	56.2	50.7
June 1993 .....	-	60.5	-	W	59.3	54.9
July 1992 .....	-	66.0	-	-	63.1	61.5
<b>Louisiana</b>						
July 1993 .....	W	W	-	W	53.7	49.0
June 1993 .....	W	56.1	-	W	58.6	52.6
July 1992 .....	W	62.0	-	W	61.1	59.1
<b>Mississippi</b>						
July 1993 .....	W	W	W	W	52.3	49.2
June 1993 .....	-	W	W	W	55.6	52.8
July 1992 .....	-	W	W	W	62.6	58.8
<b>New Mexico</b>						
July 1993 .....	-	66.2	-	67.8	68.2	56.7
June 1993 .....	-	77.9	-	72.7	69.8	61.7
July 1992 .....	-	77.5	-	74.8	72.9	65.6
<b>Texas</b>						
July 1993 .....	W	56.0	W	64.0	55.7	50.0
June 1993 .....	W	60.5	W	66.3	60.3	53.4
July 1992 .....	W	63.6	W	68.8	63.1	59.7
<b>PAD District IV Average</b>						
July 1993 .....	-	69.4	W	66.1	59.5	50.1
June 1993 .....	-	W	W	70.9	63.8	62.0
July 1992 .....	-	W	W	75.2	69.5	68.9
<b>Colorado</b>						
July 1993 .....	-	W	W	63.2	59.7	58.8
June 1993 .....	-	W	W	64.1	61.4	58.0
July 1992 .....	-	W	W	70.3	69.2	67.0
<b>Idaho</b>						
July 1993 .....	-	-	-	69.8	W	63.5
June 1993 .....	-	-	-	75.8	W	69.0
July 1992 .....	-	-	-	78.4	W	71.5
<b>Montana</b>						
July 1993 .....	-	-	-	62.8	55.7	54.3
June 1993 .....	-	-	-	74.5	64.0	64.8
July 1992 .....	-	-	-	81.5	70.9	69.4

See footnotes at end of table.

**Table 36. Refiner Prices of Kerosene and Distillates  
by PAD District and State (Continued)**  
(Cents per Gallon Excluding Taxes)

Geographic Area Month	Kerosene		No. 1 Distillate		No. 2 Distillate	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
<b>Utah</b>						
July 1993	-	W	W	68.8	59.4	59.9
June 1993	-	W	W	73.7	65.0	65.5
July 1992	-	W	W	78.1	69.0	69.0
<b>Wyoming</b>						
July 1993	-	-	W	68.3	60.3	57.8
June 1993	-	-	W	69.7	64.8	61.7
July 1992	-	-	W	78.9	70.7	69.1
<b>PAD District V Average</b>						
July 1993	-	66.4	80.1	69.2	62.7	57.1
June 1993	-	69.3	78.6	70.0	65.9	60.6
July 1992	-	72.2	83.4	73.3	65.9	61.5
<b>Alaska</b>						
July 1993	-	-	96.9	70.5	64.7	60.1
June 1993	-	-	85.6	68.8	67.9	62.0
July 1992	-	-	94.8	73.6	77.5	68.1
<b>Arizona</b>						
July 1993	-	W	-	W	64.0	58.3
June 1993	-	W	-	W	67.8	64.4
July 1992	-	-	W	W	67.5	62.5
<b>California</b>						
July 1993	-	64.6	W	64.1	62.5	56.8
June 1993	-	66.5	W	68.6	65.2	59.3
July 1992	-	W	W	68.1	64.7	60.4
<b>Hawaii</b>						
July 1993	-	-	W	W	67.2	74.2
June 1993	-	-	W	W	68.2	74.2
July 1992	-	-	W	W	67.3	72.2
<b>Nevada</b>						
July 1993	-	-	W	W	64.7	59.6
June 1993	-	-	W	W	67.3	62.5
July 1992	-	-	W	W	68.4	64.1
<b>Oregon</b>						
July 1993	-	-	W	69.4	58.5	56.8
June 1993	-	W	W	74.4	64.1	62.2
July 1992	-	W	W	70.6	62.6	61.9
<b>Washington</b>						
July 1993	-	W	W	66.8	59.7	55.3
June 1993	-	W	W	74.8	63.9	60.8
July 1992	-	W	W	74.7	64.6	61.2

Dashes (-) = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

Note: Values shown for the current month are preliminary. Values shown for previous month are revised. Data are final upon publication in the Petroleum Marketing Annual.

Note: PAD District and U.S. averages represent data for all States. In certain PAD Districts, however, prices are not shown for every State.

Source: Energy Information Administration Form EIA-782A, "Refiners/Gas Plant Operators' Monthly Petroleum Product Sales Report"



**Table 37. No. 2 Distillate Prices by Seller, PAD District, and Selected States**  
(Cents per Gallon Excluding Taxes)

Geographic Area Month	Refiners			Resellers and Retailers			All Sellers		
	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale
	To Residential Consumers <sup>a</sup>	To Non- Residential End Users		To Residential Consumers <sup>a</sup>	To Non- Residential End Users		To Residential Consumers <sup>a</sup>	To Non- Residential End Users	
<b>U.S. Average</b>									
July 1993 .. ..	78.7	56.5	52.2	85.7	66.4	55.0	85.5	63.5	53.0
June 1993 .....	85.8	60.1	56.2	88.9	68.9	58.0	88.9	66.4	56.7
July 1992 .....	82.2	64.2	61.6	90.6	72.7	63.7	90.4	69.9	62.1
<b>PAD District I Average</b>									
July 1993 .. ..	76.7	55.8	51.4	88.0	65.8	54.5	85.8	62.7	52.6
June 1993 .....	85.0	59.1	54.7	89.5	67.9	56.7	89.4	65.2	55.5
July 1992 .....	80.4	64.2	61.8	91.8	72.3	62.7	91.6	69.5	62.1
<b>Subdistrict IA Average</b>									
July 1993 .. ..	W	54.6	52.4	83.5	68.2	54.5	83.5	66.1	53.7
June 1993 .....	W	58.4	56.1	86.8	70.0	57.0	86.8	68.0	56.6
July 1992 .....	W	64.4	62.2	89.8	75.9	63.0	89.8	74.1	62.7
<b>Connecticut</b>									
July 1993 .....	-	55.2	52.3	86.1	68.4	54.4	86.1	64.9	53.6
June 1993 .....	-	58.2	55.2	88.6	69.5	57.5	88.6	66.9	56.4
July 1992 .....	-	65.4	61.5	93.1	78.3	62.2	93.1	76.3	61.9
<b>Maine</b>									
July 1993 .....	-	51.9	52.0	77.7	68.3	54.5	77.7	67.2	53.7
June 1993 .....	-	55.7	55.2	80.8	70.8	58.3	80.8	69.7	56.9
July 1992 .....	-	63.9	63.1	87.7	74.8	65.9	87.7	74.2	65.0
<b>Massachusetts</b>									
July 1993 .....	W	55.3	52.7	83.7	67.2	54.2	83.7	65.0	53.6
June 1993 .....	W	59.6	58.0	88.6	69.2	56.7	88.6	67.0	57.1
July 1992 .....	W	64.2	62.9	90.4	75.0	62.1	90.4	72.6	62.4
<b>New Hampshire</b>									
July 1993 .....	-	52.7	52.6	78.7	69.4	54.1	78.7	68.1	53.8
June 1993 .....	-	55.5	55.9	82.5	70.3	55.9	82.5	69.4	55.9
July 1992 .....	-	62.9	63.4	82.3	74.9	64.5	82.3	73.9	64.3
<b>Rhode Island</b>									
July 1993 .....	W	52.5	51.9	84.6	69.3	53.9	84.6	66.3	53.0
June 1993 .....	W	55.5	54.7	87.5	71.6	56.5	87.6	68.3	55.7
July 1992 .....	W	62.8	61.9	90.0	75.2	62.8	89.9	72.1	62.4
<b>Vermont</b>									
July 1993 .....	-	W	W	85.5	70.3	60.5	85.5	69.4	58.9
June 1993 .....	-	59.2	W	89.7	70.1	62.0	89.7	69.4	60.4
July 1992 .....	-	65.5	63.7	89.1	76.2	68.6	89.1	75.4	68.0
<b>Subdistrict IB Average</b>									
July 1993 .....	75.8	56.2	51.4	87.7	65.5	54.6	87.3	62.7	52.6
June 1993 .....	85.1	59.4	54.4	91.6	67.8	56.3	91.5	65.4	55.1
July 1992 .....	79.5	64.4	61.6	92.6	71.6	61.9	92.2	69.3	61.7
<b>Delaware</b>									
July 1993 .....	-	54.7	50.6	89.4	64.8	58.2	89.4	63.2	51.6
June 1993 .....	-	57.6	53.8	90.9	67.3	59.0	90.9	65.8	54.7
July 1992 .....	W	62.8	W	90.6	71.3	64.5	90.6	68.3	61.6
<b>District of Columbia</b>									
July 1993 .....	-	53.0	53.7	99.5	58.6	W	99.5	58.4	64.1
June 1993 .....	-	W	57.2	100.4	60.8	W	100.4	57.9	58.5
July 1992 .....	-	W	62.0	102.0	69.1	W	102.0	64.4	60.5
<b>Maryland</b>									
July 1993 .....	W	53.2	52.5	92.0	64.0	54.4	91.8	61.1	53.4
June 1993 .....	W	56.6	55.5	95.2	68.2	58.4	95.2	63.9	56.6
July 1992 .....	W	60.5	62.6	95.8	72.4	61.7	95.7	68.2	62.2
<b>New Jersey</b>									
July 1993 .....	-	55.8	50.7	87.4	62.9	53.8	87.4	60.6	51.7
June 1993 .....	-	57.5	53.6	89.0	65.4	53.8	88.0	62.6	53.7
July 1992 .....	-	64.3	60.7	90.3	68.8	59.8	90.3	67.2	60.4
<b>New York</b>									
July 1993 .....	W	57.5	52.4	94.4	68.7	54.9	94.4	65.8	53.6
June 1993 .....	W	60.9	55.2	97.8	70.3	57.2	97.8	68.0	56.0
July 1992 .....	W	66.5	62.3	100.9	75.6	65.3	100.7	72.3	63.3

See footnotes at end of table.

**Table 37. No. 2 Distillate Prices by Seller, PAD District,  
and Selected States (Continued)**  
(Cents per Gallon Excluding Taxes)

Geographic Area Month	Refiners			Resellers and Retailers			All Sellers		
	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale
	To Residential Consumers <sup>a</sup>	To Non- Residential End Users		To Residential Consumers <sup>a</sup>	To Non- Residential End Users		To Residential Consumers <sup>a</sup>	To Non- Residential End Users	
<b>Pennsylvania</b>									
July 1993 .....	74.5	56.5	51.6	79.4	65.1	55.3	79.0	62.1	52.9
June 1993 .....	W	60.8	54.5	84.0	67.7	57.7	84.0	65.7	55.6
July 1992 .....	W	64.7	62.1	83.4	70.9	62.6	83.0	69.2	62.3
<b>Subdistrict IC Average<sup>b</sup></b>									
July 1993 .....	W	55.7	51.2	86.3	65.4	54.3	86.3	62.0	52.2
June 1993 .....	W	59.0	54.8	89.2	67.4	57.1	89.2	64.5	55.5
July 1992 .....	W	64.0	61.8	92.7	71.8	63.7	92.6	68.7	62.4
<b>Virginia</b>									
July 1993 .....	W	55.2	51.3	85.1	66.1	54.9	85.1	63.4	52.2
June 1993 .....	W	57.8	54.7	86.0	67.9	57.3	86.0	65.5	55.3
July 1992 .....	W	62.5	61.9	90.2	72.0	62.2	90.2	69.1	62.0
<b>West Virginia</b>									
July 1993 .....	W	57.8	52.6	81.7	63.0	59.5	81.2	60.6	54.1
June 1993 .....	W	62.8	57.5	87.4	66.9	63.5	86.7	65.1	59.6
July 1992 .....	W	67.7	63.0	82.7	73.3	68.2	82.3	70.8	63.7
<b>PAD District II Average<sup>b</sup></b>									
July 1993 .....	W	54.7	51.5	81.7	65.7	55.0	81.6	62.3	52.4
June 1993 .....	W	58.9	56.5	83.9	68.6	58.9	83.8	65.7	57.2
July 1992 .....	W	63.3	62.1	82.7	72.8	64.3	82.7	69.5	62.7
<b>Illinois</b>									
July 1993 .....	-	52.9	49.3	79.3	66.2	53.8	79.3	62.8	50.8
June 1993 .....	-	57.6	55.0	81.2	69.9	58.4	81.2	66.6	56.2
July 1992 .....	-	61.9	60.1	87.9	73.7	63.0	87.9	70.5	60.9
<b>Indiana</b>									
July 1993 .....	W	53.5	50.0	79.7	64.2	53.0	79.6	60.8	50.8
June 1993 .....	W	58.0	56.2	82.1	66.9	56.5	82.1	64.3	56.3
July 1992 .....	W	61.2	60.6	82.4	72.0	63.0	82.4	66.7	61.3
<b>Michigan</b>									
July 1993 .....	-	54.0	51.0	83.4	69.3	55.5	83.4	64.0	52.2
June 1993 .....	-	59.1	57.3	87.4	71.8	61.1	87.4	67.3	58.3
July 1992 .....	-	63.0	61.8	85.0	75.9	65.2	85.0	71.5	63.0
<b>Minnesota</b>									
July 1993 .....	-	53.1	53.0	82.0	71.3	58.0	82.0	66.4	54.4
June 1993 .....	-	57.2	57.9	83.4	73.4	59.9	83.4	69.0	58.4
July 1992 .....	-	65.8	64.1	84.5	75.9	66.6	84.5	73.2	64.6
<b>Ohio</b>									
July 1993 .....	W	57.9	52.7	79.9	67.2	55.0	79.8	62.1	53.3
June 1993 .....	W	62.0	58.7	85.8	70.2	58.8	85.7	65.6	58.7
July 1992 .....	W	64.7	61.9	81.7	71.1	64.3	81.7	67.6	62.4
<b>Wisconsin</b>									
July 1993 .....	-	52.9	50.6	84.4	69.3	54.7	84.4	66.6	51.9
June 1993 .....	-	57.7	56.7	84.2	72.1	60.4	84.2	69.6	57.9
July 1992 .....	-	63.0	62.0	81.1	73.6	64.3	81.1	71.9	62.6
<b>PAD District III Average</b>									
July 1993 .....	-	55.8	50.0	71.6	62.5	52.2	71.6	60.7	50.5
June 1993 .....	-	59.2	53.6	78.5	65.2	56.2	78.5	63.6	54.1
July 1992 .....	-	63.3	59.8	W	69.1	61.4	W	67.5	60.1
<b>PAD District IV Average<sup>b</sup></b>									
July 1993 .....	-	59.5	58.1	79.0	70.1	61.5	79.0	67.4	58.8
June 1993 .....	-	63.8	62.9	82.7	73.4	66.6	82.7	71.0	63.6
July 1992 .....	-	69.5	68.9	89.3	79.6	71.8	89.3	76.6	69.5
<b>Idaho</b>									
July 1993 .....	-	W	63.5	80.0	75.4	65.4	80.0	73.3	63.8
June 1993 .....	-	W	69.0	82.8	79.5	71.1	82.8	78.1	69.4
July 1992 .....	-	W	71.5	86.1	82.0	75.0	86.1	80.0	72.4

See footnotes at end of table.

**Table 37. No. 2 Distillate Prices by Seller, PAD District,  
and Selected States (Continued)**  
(Cents per Gallon Excluding Taxes)

Geographic Area Month	Refiners			Resellers and Retailers			All Sellers		
	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale
	To Residential Consumers <sup>a</sup>	To Non- Residential End Users		To Residential Consumers <sup>a</sup>	To Non- Residential End Users		To Residential Consumers <sup>a</sup>	To Non- Residential End Users	
<b>PAD District V Average<sup>b</sup></b>									
July 1993 .....	83.7	62.5	57.1	93.8	73.0	61.1	92.1	70.1	57.8
June 1993 .....	88.0	65.6	60.6	95.5	75.0	62.7	94.3	72.4	61.0
July 1992 .....	87.0	65.7	61.5	90.2	76.8	69.5	89.6	72.7	62.7
<b>Alaska</b>									
July 1993 .....	W	62.8	60.1	99.2	91.0	80.3	95.2	80.5	63.6
June 1993 .....	W	66.4	62.0	100.1	93.6	79.4	97.1	81.6	66.6
July 1992 .....	W	76.2	68.1	95.6	92.2	77.3	93.0	86.7	70.4
<b>Oregon</b>									
July 1993 .....	W	58.3	56.8	85.5	74.1	68.8	86.1	70.2	57.7
June 1993 .....	W	63.7	62.2	88.9	77.2	72.0	90.2	73.9	63.1
July 1992 .....	W	62.5	61.9	87.2	75.9	67.6	87.3	72.6	62.6
<b>Washington</b>									
July 1993 .....	W	59.2	55.3	94.5	70.9	62.7	92.6	68.8	55.9
June 1993 .....	W	63.3	60.8	96.8	74.6	66.5	95.1	72.7	61.2
July 1992 .....	W	64.2	61.2	89.3	75.7	68.6	88.0	72.8	62.3

<sup>a</sup> No. 2 fuel oil only.

<sup>b</sup> Some State data are not sufficient for publication individually, but are used in calculating the PAD District average.

Dashes (-) = No data reported

W = Withheld to avoid disclosure of individual company data.

Note: Values shown for the current month are preliminary. Values shown for previous month are revised. Data are final upon publication in the Petroleum Marketing Annual.

Sources: Refiners and Gas Plant Operators: Energy Information Administration Form EIA-782A, "Refiners/Gas Plant Operators' Monthly Petroleum Product Sales Report;" Resellers: Energy Information Administration Form EIA-782B, "Reseller/Retailers' Monthly Petroleum Product Sales Report."

**Table 38. No. 2 Distillate Prices by Sales Type, PAD District, and Selected States**  
(Cents per Gallon Excluding Taxes)

Geographic Area Month	Sales to End Users						Sales for Resale
	To Residential Consumers <sup>a</sup>	To Commercial/ Institutional Consumers	To Industrial Consumers	Sales Through Company Outlets <sup>b</sup>	To Other End Users <sup>c</sup>	Average	
<b>U.S. Average</b>							
July 1993	85.5	58.0	63.6	68.8	66.8	64.7	53.0
June 1993	88.9	61.3	66.8	70.7	69.9	67.8	56.7
July 1992	90.4	65.4	69.9	74.6	73.5	71.3	62.1
<b>PAD District I Average</b>							
July 1993	85.8	59.2	62.7	69.9	62.7	66.2	52.6
June 1993	89.4	62.0	65.7	71.5	65.2	69.3	55.5
July 1992	91.6	67.1	69.5	74.2	69.8	73.2	62.1
<b>Subdistrict IA Average</b>							
July 1993	83.5	64.1	65.3	76.2	63.9	72.9	53.7
June 1993	86.8	65.9	67.4	77.5	67.8	76.2	56.6
July 1992	89.8	72.1	70.5	83.9	73.6	79.4	62.7
<b>Connecticut</b>							
July 1993	86.1	62.6	63.6	80.3	66.1	76.0	53.5
June 1993	88.6	65.1	66.3	81.5	68.5	77.8	56.4
July 1992	93.1	71.9	68.4	87.6	75.3	82.5	61.9
<b>Maine</b>							
July 1993	77.7	63.5	63.3	76.2	68.4	70.0	53.7
June 1993	80.8	66.3	65.4	78.3	71.1	73.6	56.9
July 1992	87.7	72.8	72.3	78.7	73.3	77.2	65.0
<b>Massachusetts</b>							
July 1993	83.7	63.4	71.4	77.2	59.6	72.0	53.6
June 1993	88.6	65.1	71.8	78.1	66.0	76.3	57.1
July 1992	90.4	72.2	70.3	84.2	68.6	78.4	62.4
<b>New Hampshire</b>							
July 1993	78.7	65.1	56.3	73.0	76.1	72.2	53.8
June 1993	82.5	66.0	59.2	74.0	NA	75.8	55.9
July 1992	82.3	70.7	67.9	78.1	85.8	77.7	64.3
<b>Rhode Island</b>							
July 1993	84.8	68.2	64.0	74.9	56.8	74.4	53.0
June 1993	87.6	70.7	66.0	76.7	58.4	78.0	55.7
July 1992	89.9	72.9	71.7	78.8	65.0	80.7	62.4
<b>Vermont</b>							
July 1993	85.5	68.0	64.1	77.8	74.0	73.9	58.9
June 1993	89.7	66.1	67.6	78.9	75.6	75.8	60.4
July 1992	89.1	71.4	75.5	83.5	83.0	79.7	66.0
<b>Subdistrict IB Average</b>							
July 1993	87.3	59.8	63.9	71.1	61.7	67.6	52.6
June 1993	91.5	62.7	66.9	73.0	64.7	70.9	55.1
July 1992	92.2	67.7	69.9	76.0	68.1	75.0	61.7
<b>Delaware</b>							
July 1993	88.4	56.0	66.7	68.7	64.8	65.2	51.6
June 1993	90.9	59.3	68.5	69.5	68.2	68.1	54.7
July 1992	90.6	65.9	72.3	71.3	66.2	71.2	61.6
<b>District of Columbia</b>							
July 1993	89.5	57.4	W	W	NA	59.4	54.1
June 1993	100.4	60.3	W	W	54.9	58.4	56.5
July 1992	102.0	67.0	-	W	W	65.7	60.5
<b>Maryland</b>							
July 1993	91.8	57.0	59.0	73.3	64.3	63.5	53.4
June 1993	95.2	60.5	61.3	76.1	67.0	66.7	56.6
July 1992	95.7	64.4	69.6	77.3	73.4	71.5	62.2
<b>New Jersey</b>							
July 1993	87.4	57.4	67.3	70.1	58.6	64.8	51.7
June 1993	86.0	59.8	71.6	70.9	59.5	66.9	53.7
July 1992	90.3	66.3	65.1	74.0	65.9	71.3	60.4
<b>New York</b>							
July 1993	94.4	66.0	62.5	77.6	60.3	73.5	53.5
June 1993	97.8	67.5	67.1	77.9	63.9	76.9	56.0
July 1992	100.7	71.7	75.5	78.2	68.9	83.4	63.3

See footnotes at end of table.

**Table 38. No. 2 Distillate Prices by Sales Type, PAD District, and Selected States (Continued)**  
(Cents per Gallon Excluding Taxes)

Geographic Area Month	Sales to End Users						Sales for Resale
	To Residential Consumers <sup>a</sup>	To Commercial/ Institutional Consumers	To Industrial Consumers	Sales Through Company Outlets <sup>b</sup>	To Other End Users <sup>c</sup>	Average	
<b>Pennsylvania</b>							
July 1993 ..	79.0	57.4	65.5	68.8	62.6	65.6	52.9
June 1993 ..	84.0	61.2	67.1	71.6	67.1	69.5	55.6
July 1992 ...	83.0	67.3	69.4	75.9	67.7	72.2	62.3
<b>Subdistrict IC Average<sup>d</sup></b>							
July 1993 ..	86.3	57.2	61.4	68.6	63.2	63.0	52.2
June 1993 ..	89.2	60.1	64.6	70.1	65.3	65.6	55.5
July 1992 ..	92.6	65.1	69.0	72.2	70.5	70.0	62.4
<b>Virginia</b>							
July 1993 ..	85.1	58.8	60.2	70.2	65.7	65.7	52.2
June 1993 ..	86.0	61.5	62.8	70.9	68.6	67.2	55.3
July 1992 ...	90.2	65.0	69.4	73.4	71.5	70.6	62.0
<b>West Virginia</b>							
July 1993 ..	81.2	56.0	61.8	69.9	61.9	61.2	54.1
June 1993 ..	86.7	60.8	66.0	72.6	66.0	65.6	58.6
July 1992 ..	82.3	66.6	72.5	80.3	71.7	71.1	63.7
<b>PAD District II Average<sup>d</sup></b>							
July 1993 ...	81.6	55.4	63.4	65.6	69.4	62.7	52.4
June 1993 ....	83.8	59.3	66.7	67.9	72.8	66.1	57.2
July 1992 ..	82.7	64.2	70.1	72.3	75.9	69.9	62.7
<b>Illinois</b>							
July 1993 ..	79.3	54.2	69.8	67.3	68.4	63.0	50.8
June 1993 ..	81.2	59.3	72.4	69.5	72.8	66.8	56.2
July 1992 ..	87.9	65.8	75.8	72.2	72.6	70.6	60.9
<b>Indiana</b>							
July 1993 ..	79.6	54.2	60.3	62.0	75.5	61.1	50.8
June 1993 ..	82.1	58.7	63.8	64.7	76.5	64.5	56.3
July 1992 ..	82.4	62.1	66.4	70.0	82.3	67.1	61.3
<b>Michigan</b>							
July 1993 ..	83.4	57.8	65.9	69.2	70.4	65.0	52.2
June 1993 ..	87.4	62.7	68.8	71.4	72.3	68.6	58.3
July 1992 ..	85.0	65.9	70.5	73.8	78.6	72.5	63.0
<b>Minnesota</b>							
July 1993 ...	82.0	58.7	62.8	69.2	73.8	67.1	54.4
June 1993 ..	83.4	62.0	67.4	70.0	75.8	69.8	58.4
July 1992 ..	84.5	68.6	72.9	73.7	79.9	74.0	64.6
<b>Ohio</b>							
July 1993 ..	79.8	58.5	60.3	67.4	65.3	62.7	53.3
June 1993 ..	85.7	61.3	64.8	69.8	71.7	66.4	58.7
July 1992 ..	81.7	63.5	69.2	71.3	74.6	68.1	62.4
<b>Wisconsin</b>							
July 1993 ..	84.4	60.0	66.9	69.7	72.7	67.8	51.9
June 1993 ..	84.2	63.1	69.0	71.9	78.8	70.7	57.9
July 1992 ..	81.1	66.0	67.7	73.4	79.7	72.8	62.6
<b>PAD District III Average</b>							
July 1993 ..	71.6	54.9	58.1	67.9	63.4	60.7	50.5
June 1993 ..	78.5	58.0	62.3	69.1	68.1	63.6	54.1
July 1992 ..	W	61.8	67.0	73.6	74.1	67.5	60.1
<b>PAD District IV Average<sup>d</sup></b>							
July 1993 ..	79.0	60.7	64.0	72.8	73.2	67.4	58.8
June 1993 ..	82.7	63.7	69.5	75.7	77.5	71.1	63.6
July 1992 ..	89.3	68.2	75.0	82.6	81.6	76.7	69.5
<b>Idaho</b>							
July 1993 ..	80.0	64.2	74.4	73.8	77.1	73.4	63.8
June 1993 ..	82.8	70.5	79.0	78.2	80.5	78.2	69.4
July 1992 ..	86.1	73.5	77.9	81.2	83.6	80.0	72.4

See footnotes at end of table.

**Table 38. No. 2 Distillate Prices by Sales Type, PAD District, and Selected States (Continued)**  
(Cents per Gallon Excluding Taxes)

Geographic Area Month	Sales to End Users						Sales for Resale
	To Residential Consumers <sup>a</sup>	To Commercial/ Institutional Consumers	To Industrial Consumers	Sales Through Company Outlets <sup>b</sup>	To Other End Users <sup>c</sup>	Average	
<b>PAD District V Averaged<sup>d</sup></b>							
July 1993 .....	92.1	65.4	71.9	77.7	69.5	70.5	57.8
June 1993 .....	94.3	68.1	73.6	79.4	72.1	72.8	61.0
July 1992 .....	89.8	68.1	72.6	80.7	73.2	72.9	62.7
<b>Alaska</b>							
July 1993 .....	95.2	90.1	85.1	86.9	68.0	92.4	63.6
June 1993 .....	97.1	89.4	85.1	87.9	73.5	83.6	66.6
July 1992 .....	93.0	92.3	74.8	91.7	90.8	87.2	70.4
<b>Oregon</b>							
July 1993 .....	86.1	63.2	74.1	75.9	73.5	70.6	57.7
June 1993 .....	90.2	67.8	77.2	78.8	76.4	74.3	63.1
July 1992 .....	87.3	67.8	72.5	80.5	76.9	72.8	62.6
<b>Washington</b>							
July 1993 .....	92.6	63.1	71.1	79.2	70.6	69.4	55.9
June 1993 .....	95.1	67.5	73.7	81.4	75.1	73.5	61.2
July 1992 .....	88.0	68.6	72.0	79.8	77.9	73.4	62.3

<sup>a</sup> No. 2 fuel oil only.

<sup>b</sup> No. 2 diesel fuel only.

<sup>c</sup> Sales to "other end users" are all end-user sales not included in the other end-user categories shown, e.g., sales to agricultural customers or utilities.

<sup>d</sup> Some State data are not sufficient for publication individually, but are used in calculating the PAD District average.

Dashes (-) = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

Note: Values shown for the current month are preliminary. Values shown for previous month are revised. Data are final upon publication in the Petroleum Marketing Annual.

Sources: Energy Information Administration Form EIA-782A, "Refiners/Gas Plant Operators' Monthly Petroleum Product Sales Report," and EIA-782B, "Reseller/Retailers' Monthly Petroleum Product Sales Report."

**Table 39. No. 2 Fuel Oil Prices by Sales Type, PAD District,  
and Selected States**  
(Cents per Gallon Excluding Taxes)

Geographic Area Month	Sales to End Users					Sales for Resale
	To Residential Consumers	To Commercial/ Institutional Consumers	To Industrial Consumers	To Other End Users <sup>a</sup>	Average	
<b>U.S. Average</b>						
July 1993 .....	85.5	80.4	60.0	58.9	71.2	51.4
June 1993 .....	88.9	82.8	63.0	62.3	75.2	55.1
July 1992 .....	90.4	87.0	67.9	66.6	78.3	61.3
<b>PAD District I Average</b>						
July 1993 .....	85.8	62.4	59.0	57.3	73.7	52.1
June 1993 .....	89.4	64.5	62.4	60.7	77.9	54.9
July 1992 .....	91.6	69.6	67.5	65.7	80.5	61.5
<b>Subdistrict IA Average</b>						
July 1993 .....	83.5	66.4	61.7	59.5	77.6	53.0
June 1993 .....	86.8	67.8	63.6	65.1	81.2	56.1
July 1992 .....	89.8	72.8	70.0	70.2	83.7	62.2
<b>Connecticut</b>						
July 1993 .....	86.1	66.7	60.9	58.7	81.8	53.1
June 1993 .....	88.6	67.9	63.0	61.4	83.5	55.9
July 1992 .....	93.1	75.0	67.4	66.1	88.5	61.8
<b>Maine</b>						
July 1993 .....	77.7	66.3	62.4	W	71.4	52.8
June 1993 .....	80.8	67.6	65.2	W	75.1	56.2
July 1992 .....	87.7	74.8	72.9	76.0	80.7	64.6
<b>Massachusetts</b>						
July 1993 .....	83.7	65.8	61.1	58.2	78.7	53.1
June 1993 .....	88.6	67.4	61.0	66.6	82.1	56.9
July 1992 .....	90.4	70.9	70.0	68.3	82.3	61.7
<b>New Hampshire</b>						
July 1993 .....	78.7	64.9	57.0	W	75.3	52.5
June 1993 .....	82.5	64.7	59.0	W	79.7	55.1
July 1992 .....	82.3	70.5	66.6	W	79.6	63.3
<b>Rhode Island</b>						
July 1993 .....	84.6	70.0	67.4	W	80.8	52.8
June 1993 .....	87.6	71.8	68.3	56.4	83.4	55.4
July 1992 .....	89.9	77.6	69.2	W	85.5	62.2
<b>Vermont</b>						
July 1993 .....	85.5	71.9	59.6	W	81.2	55.5
June 1993 .....	89.7	74.6	63.6	W	85.1	58.5
July 1992 .....	89.1	76.0	69.7	78.5	86.1	64.5
<b>Subdistrict IB Average</b>						
July 1993 .....	87.3	67.2	57.6	56.5	77.2	52.1
June 1993 .....	91.5	68.1	61.6	58.7	81.1	54.5
July 1992 .....	92.2	71.6	67.0	64.4	82.7	61.1
<b>Delaware</b>						
July 1993 .....	89.4	64.7	W	53.9	70.2	51.6
June 1993 .....	90.9	66.4	60.1	W	73.7	54.7
July 1992 .....	90.6	72.6	67.1	W	74.2	61.4
<b>District of Columbia</b>						
July 1993 .....	99.5	60.6	W	W	63.3	53.5
June 1993 .....	100.4	62.9	-	W	57.0	55.8
July 1992 .....	102.0	67.8	-	W	64.6	59.9
<b>Maryland</b>						
July 1993 .....	91.8	61.2	61.1	55.1	69.3	52.2
June 1993 .....	95.2	64.6	62.7	58.5	73.8	55.2
July 1992 .....	95.7	66.1	65.4	65.6	77.0	60.8
<b>New Jersey</b>						
July 1993 .....	87.4	63.0	56.1	NA	73.7	51.5
June 1993 .....	88.0	65.2	57.5	57.3	75.6	53.4
July 1992 .....	90.3	68.6	64.1	W	78.6	60.2
<b>New York</b>						
July 1993 .....	94.4	71.4	56.4	60.4	84.0	53.0
June 1993 .....	97.8	70.8	60.6	62.3	87.4	55.5
July 1992 .....	100.7	75.3	67.8	66.5	92.0	62.6

See footnotes at end of table.

**Table 39. No. 2 Fuel Oil Prices by Sales Type, PAD District,  
and Selected States (Continued)**  
(Cents per Gallon Excluding Taxes)

Geographic Area Month	Sales to End Users					Sales for Resale
	To Residential Consumers	To Commercial/ Institutional Consumers	To Industrial Consumers	To Other End Users <sup>a</sup>	Average	
<b>Pennsylvania</b>						
July 1993	79.0	84.9	61.7	56.2	73.2	52.2
June 1993	84.0	65.5	66.5	60.6	78.6	54.8
July 1992	83.0	70.9	67.8	64.2	77.2	61.6
<b>Subdistrict IC Average<sup>b</sup></b>						
July 1993	86.3	57.3	59.7	57.6	64.0	51.4
June 1993	89.2	59.3	62.7	61.6	67.7	54.9
July 1992	92.6	64.7	67.0	66.1	73.8	61.7
<b>Virginia</b>						
July 1993	85.1	56.5	65.2	56.2	70.7	51.5
June 1993	86.0	59.9	65.4	61.7	71.5	54.8
July 1992	90.2	65.9	71.2	64.3	72.8	61.5
<b>West Virginia</b>						
July 1993	81.2	61.1	59.3	57.9	64.7	51.3
June 1993	86.7	64.2	62.2	63.2	67.5	55.9
July 1992	82.3	69.7	68.1	63.4	69.3	62.1
<b>PAD District II Average<sup>b</sup></b>						
July 1993	81.6	55.8	58.1	61.7	63.5	51.1
June 1993	83.8	58.7	61.6	64.9	66.5	56.2
July 1992	82.7	61.7	68.3	69.8	69.7	61.8
<b>Illinois</b>						
July 1993	79.3	55.3	57.2	67.2	63.5	49.7
June 1993	81.2	59.4	60.5	68.4	65.3	55.4
July 1992	87.9	61.9	75.0	70.3	68.8	60.4
<b>Indiana</b>						
July 1993	79.6	W	59.2	NA	61.9	50.0
June 1993	82.1	W	62.2	66.6	62.1	55.5
July 1992	82.4	59.8	67.2	78.8	67.7	60.4
<b>Michigan</b>						
July 1993	83.4	52.7	60.8	64.8	65.9	51.3
June 1993	87.4	58.0	67.6	67.4	71.2	57.2
July 1992	85.0	61.2	68.3	70.2	73.0	61.8
<b>Minnesota</b>						
July 1993	82.0	63.3	57.2	70.7	67.4	52.7
June 1993	83.4	65.8	60.4	70.4	71.2	57.7
July 1992	84.5	65.5	67.6	76.9	78.6	64.4
<b>Ohio</b>						
July 1993	79.8	61.3	56.9	54.8	62.7	51.5
June 1993	85.7	63.0	61.4	60.5	66.6	57.5
July 1992	81.7	62.2	65.8	64.7	67.4	61.5
<b>Wisconsin</b>						
July 1993	84.4	57.5	56.9	NA	74.0	50.7
June 1993	84.2	60.0	64.1	NA	76.6	56.9
July 1992	81.1	65.7	68.6	72.8	75.1	61.6
<b>PAD District III Average</b>						
July 1993	71.6	50.8	51.6	W	51.5	48.8
June 1993	76.5	53.7	58.8	W	56.2	52.6
July 1992	W	58.5	62.1	60.8	60.1	58.9
<b>PAD District IV Average<sup>b</sup></b>						
July 1993	79.0	59.4	W	W	64.5	57.3
June 1993	82.7	63.2	W	W	73.7	61.2
July 1992	89.3	W	73.5	-	70.1	67.8
<b>Idaho</b>						
July 1993	80.0	88.6	-	NA	77.4	63.2
June 1993	82.8	71.9	-	W	80.8	68.7
July 1992	86.1	W	W	-	82.4	70.3

See footnotes at end of table



**Table 39. No. 2 Fuel Oil Prices by Sales Type, PAD District, and Selected States (Continued)**  
(Cents per Gallon Excluding Taxes)

Geographic Area Month	Sales to End Users					Sales for Resale
	To Residential Consumers	To Commercial/ Institutional Consumers	To Industrial Consumers	To Other End Users*	Average	
PAD District V Average <sup>b</sup>						
July 1993 .....	92.1	78.2	NA	61.1	76.3	58.2
June 1993 .....	94.3	80.1	80.9	64.1	78.5	60.0
July 1992 .....	89.6	82.2	75.4	87.0	85.7	64.2
Alaska						
July 1993 .....	95.2	91.2	NA	W	75.3	59.8
June 1993 .....	97.1	94.3	94.6	W	76.2	60.1
July 1992 .....	93.0	85.8	84.2	NA	90.9	W
Oregon						
July 1993 .....	86.1	73.1	W	W	80.6	56.9
June 1993 .....	90.2	73.7	W	W	82.7	62.0
July 1992 .....	87.3	77.4	W	W	81.6	62.8
Washington						
July 1993 .....	92.6	70.0	68.5	84.4	75.3	57.5
June 1993 .....	95.1	73.3	69.1	85.8	80.8	62.9
July 1992 .....	88.0	75.3	72.8	W	82.2	60.3

<sup>a</sup> Sales to "other end users" are all end-user sales not included in the other end-user categories shown, e.g., sales to agricultural customers or utilities

<sup>b</sup> Some State data are not sufficient for publication individually, but are used in calculating the PAD District average

Dashes (-) = No data reported

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

Note: Values shown for the current month are preliminary. Values shown for previous month are revised. Data are final upon publication in the Petroleum Marketing Annual.

Sources: Energy Information Administration Form EIA-782A, "Refiners/Gas Plant Operators' Monthly Petroleum Product Sales Report," and EIA-782B, "Reseller/Retailers' Monthly Petroleum Product Sales Report"

**Table 40. Refiner No. 4 and Residual Fuel Oil Prices by PAD District**  
(Cents per Gallon Excluding Taxes)

Geographic Area Month	No. 4 Fuel		Residual Fuel Oil Sulfur Content Less Than or Equal to 1 Percent		Residual Fuel Oil Sulfur Content Greater Than 1 Percent		Average Residual	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
<b>U.S. Average</b>								
July 1993	45.4	45.4	41.6	32.7	28.5	24.5	33.0	27.4
June 1993	50.2	46.9	40.6	33.7	31.5	26.4	34.7	30.0
July 1992	51.9	49.5	41.4	38.0	34.9	33.3	36.7	34.7
<b>PAD District I Average</b>								
July 1993	W	48.2	38.8	36.2	30.6	31.2	34.6	35.4
June 1993	49.3	49.8	37.6	36.1	32.7	31.3	35.2	35.6
July 1992	52.5	51.6	40.9	40.7	36.1	37.7	36.2	39.2
<b>Subdistrict IA Average</b>								
July 1993	49.4	W	36.4	W	W	W	33.3	W
June 1993	48.4	W	37.4	W	W	W	36.5	W
July 1992	52.1	W	39.4	W	W	W	35.4	W
<b>Subdistrict IB Average</b>								
July 1993	W	49.1	40.1	36.1	29.9	30.8	36.6	35.7
June 1993	49.4	50.7	W	37.3	32.6	29.8	37.0	36.3
July 1992	W	52.4	W	40.7	36.3	38.1	39.7	39.5
<b>Subdistrict IC Average</b>								
July 1993	51.3	W	W	W	31.4	31.6	32.3	31.7
June 1993	50.3	W	35.2	W	32.7	W	33.7	33.4
July 1992	52.3	W	39.9	W	36.8	37.2	37.9	37.2
<b>PAD District II Average</b>								
July 1993	W	W	W	W	30.7	24.1	32.6	24.7
June 1993	W	W	W	W	W	30.4	33.7	30.4
July 1992	W	W	30.4	W	W	30.5	27.4	29.0
<b>PAD District III Average</b>								
July 1993	W	-	-	29.5	23.9	23.4	23.9	24.9
June 1993	W	-	-	30.4	28.2	22.6	28.2	25.4
July 1992	W	W	W	36.9	32.7	30.8	32.7	32.4
<b>PAD District IV Average</b>								
July 1993	-	-	-	35.1	W	W	W	29.2
June 1993	-	-	W	W	W	W	W	28.7
July 1992	-	-	-	26.6	W	W	W	22.6
<b>PAD District V Average</b>								
July 1993	-	41.7	W	W	29.4	26.7	35.5	26.6
June 1993	-	W	W	28.6	33.2	34.7	38.6	33.4
July 1992	W	44.9	43.8	33.5	36.5	34.4	38.4	34.4

Dashes (-) = No data reported.

W = Withheld to avoid disclosure of individual company data

Note. Values shown for the current month are preliminary. Values shown for previous month are revised. Data are final upon publication in the Petroleum Marketing Annual.

Source: Energy Information Administration Form EIA-782A, "Refiners/Gas Plant Operators' Monthly Petroleum Product Sales Report"

**Table 41. Residual Fuel Oil Prices by PAD District and Selected States**  
(Cents per Gallon Excluding Taxes)

Geographic Area Month	Residual Fuel Oil Sulfur Content Less Than or Equal to 1 Percent		Residual Fuel Oil Sulfur Content Greater Than 1 Percent		Average	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
<b>U.S. Average</b>						
July 1993 .. .. .	39.2	33.3	30.1	26.1	33.1	28.7
June 1993 .. .. .	40.3	35.0	33.0	28.3	35.2	31.3
July 1992 .. .. .	40.7	38.5	35.2	33.5	37.1	34.9
<b>PAD District I Average</b>						
July 1993 .. .. .	38.6	36.5	31.3	30.3	34.2	34.3
June 1993 .. .. .	39.0	36.6	34.2	33.0	36.0	35.4
July 1992 .. .. .	41.1	41.2	36.0	37.0	38.3	39.0
<b>Subdistrict IA Average<sup>a</sup></b>						
July 1993 .. .. .	37.2	38.2	29.9	W	32.9	31.2
June 1993 .. .. .	39.4	34.9	33.0	W	36.3	34.1
July 1992 .. .. .	39.2	40.8	33.5	W	35.5	39.1
<b>Connecticut</b>						
July 1993 .. .. .	36.4	NA	W	-	36.5	NA
June 1993 .. .. .	37.5	W	W	-	37.6	W
July 1992 .. .. .	40.0	W	W	-	40.1	W
<b>Maine</b>						
July 1993 .. .. .	39.5	W	31.3	W	32.8	W
June 1993 .. .. .	40.2	W	33.7	W	36.2	W
July 1992 .. .. .	41.1	W	34.7	W	38.1	W
<b>Massachusetts</b>						
July 1993 .. .. .	37.3	37.7	29.5	W	32.3	29.9
June 1993 .. .. .	40.0	34.2	32.4	W	36.4	33.0
July 1992 .. .. .	40.3	W	33.1	W	34.2	38.9
<b>New Hampshire</b>						
July 1993 .. .. .	38.5	-	28.4	-	29.1	-
June 1993 .. .. .	NA	-	32.8	-	33.5	-
July 1992 .. .. .	W	-	36.5	W	33.3	W
<b>Rhode Island</b>						
July 1993 .. .. .	39.2	W	-	-	39.2	W
June 1993 .. .. .	38.9	W	-	-	38.9	W
July 1992 .. .. .	42.1	W	-	W	42.1	W
<b>Subdistrict IB Average<sup>a</sup></b>						
July 1993 .. .. .	40.6	36.4	32.8	29.9	37.7	34.8
June 1993 .. .. .	41.2	38.2	35.7	35.7	38.6	37.6
July 1992 .. .. .	42.7	41.4	36.6	37.4	40.2	39.8
<b>Delaware</b>						
July 1993 .. .. .	36.7	W	28.9	W	36.0	W
June 1993 .. .. .	39.0	W	32.0	W	37.0	32.9
July 1992 .. .. .	41.7	-	34.3	W	40.1	W
<b>Maryland</b>						
July 1993 .. .. .	W	W	34.8	W	36.8	W
June 1993 .. .. .	W	W	36.2	W	36.4	35.8
July 1992 .. .. .	39.8	W	38.0	W	39.1	W
<b>New Jersey</b>						
July 1993 .. .. .	38.3	36.8	28.4	W	35.7	36.0
June 1993 .. .. .	39.4	37.3	32.5	28.3	37.2	35.7
July 1992 .. .. .	W	40.9	35.7	38.1	39.1	38.9
<b>New York</b>						
July 1993 .. .. .	46.2	38.1	34.4	30.7	40.7	37.7
June 1993 .. .. .	44.5	39.1	37.7	40.4	41.1	39.4
July 1992 .. .. .	43.2	42.3	37.1	36.4	41.1	41.4
<b>Pennsylvania</b>						
July 1993 .. .. .	36.7	W	31.8	31.7	34.3	35.3
June 1993 .. .. .	35.7	36.2	32.9	30.5	33.9	34.0
July 1992 .. .. .	42.8	39.9	36.2	33.8	37.8	38.9
<b>Subdistrict IC Average<sup>a</sup></b>						
July 1993 .. .. .	35.6	W	31.3	33.1	32.2	33.3
June 1993 .. .. .	35.9	W	34.0	32.0	34.4	32.4
July 1992 .. .. .	39.8	W	37.5	36.9	38.4	37.0
<b>Florida</b>						
July 1993 .. .. .	35.3	-	30.6	W	31.9	W
June 1993 .. .. .	35.8	W	34.1	32.7	34.5	33.0
July 1992 .. .. .	39.8	W	37.9	37.0	38.7	37.0
<b>Georgia</b>						
July 1993 .. .. .	-	-	34.4	-	34.4	-
June 1993 .. .. .	-	-	34.6	W	34.6	W
July 1992 .. .. .	-	-	35.4	-	35.4	-

See footnotes at end of table.

**Table 41. Residual Fuel Oil Prices by PAD District and Selected States (Continued)**  
(Cents per Gallon Excluding Taxes)

Geographic Area Month	Residual Fuel Oil Sulfur Content Less Than or Equal to 1 Percent		Residual Fuel Oil Sulfur Content Greater Than 1 Percent		Average	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
<b>North Carolina</b>						
July 1993 .. . . .	W	-	32.2	32.0	32.8	32.0
June 1993 .. . . .	W	-	33.7	W	33.9	W
July 1992 .. . . .	46.3	-	37.6	W	38.0	W
<b>South Carolina</b>						
July 1993 .. . . .	W	-	W	-	W	-
June 1993 .. . . .	W	-	W	-	W	-
July 1992 .. . . .	W	-	W	-	W	-
<b>Virginia</b>						
July 1993 .. . . .	39.3	W	32.5	31.6	32.6	31.7
June 1993 .. . . .	40.7	W	32.4	33.6	33.0	33.9
July 1992 .. . . .	W	-	36.6	36.7	37.8	36.7
<b>PAD District II Average<sup>a</sup></b>						
July 1993 .. . . .	43.5	33.0	32.7	24.6	35.3	26.0
June 1993 .. . . .	41.0	37.5	34.7	30.7	36.5	31.5
July 1992 .. . . .	36.1	24.9	29.8	30.1	31.3	28.6
<b>Illinois</b>						
July 1993 .. . . .	W	W	W	W	40.7	23.5
June 1993 .. . . .	W	W	W	W	42.6	28.3
July 1992 .. . . .	W	W	41.7	27.1	42.4	21.7
<b>Indiana</b>						
July 1993 .. . . .	38.7	W	28.9	W	29.3	W
June 1993 .. . . .	42.1	W	35.7	W	36.4	W
July 1992 .. . . .	W	W	35.4	W	35.7	W
<b>Michigan</b>						
July 1993 .. . . .	44.6	45.9	38.2	W	43.3	45.4
June 1993 .. . . .	41.7	46.1	44.7	W	42.6	45.6
July 1992 .. . . .	44.2	W	W	W	41.6	32.5
<b>Minnesota</b>						
July 1993 .. . . .	-	-	30.0	W	30.0	W
June 1993 .. . . .	-	-	31.0	W	31.0	W
July 1992 .. . . .	-	W	24.3	W	24.3	W
<b>Ohio</b>						
July 1993 .. . . .	W	W	33.3	W	34.0	26.7
June 1993 .. . . .	W	W	31.7	W	32.2	W
July 1992 .. . . .	W	-	28.2	W	30.0	W
<b>PAD District III Average<sup>a</sup></b>						
July 1993 .. . . .	W	29.7	24.8	25.2	25.2	26.3
June 1993 .. . . .	W	31.8	28.1	24.5	28.3	26.8
July 1992 .. . . .	W	37.2	32.8	31.6	33.2	32.8
<b>Alabama</b>						
July 1993 .. . . .	W	W	27.5	W	27.6	24.9
June 1993 .. . . .	W	-	28.3	W	28.3	W
July 1992 .. . . .	-	-	35.5	W	35.5	W
<b>Louisiana</b>						
July 1993 .. . . .	W	33.7	23.5	24.9	24.9	25.1
June 1993 .. . . .	W	34.2	29.0	25.9	29.1	26.9
July 1992 .. . . .	W	37.8	32.5	32.2	33.7	32.7
<b>Mississippi</b>						
July 1993 .. . . .	-	W	26.4	NA	26.4	25.2
June 1993 .. . . .	-	W	27.8	27.0	27.6	26.2
July 1992 .. . . .	-	-	W	W	W	W
<b>Texas</b>						
July 1993 .. . . .	NA	30.4	25.1	25.4	25.0	27.3
June 1993 .. . . .	W	32.3	27.0	22.1	26.9	27.0
July 1992 .. . . .	-	37.1	32.7	30.8	32.7	33.1
<b>PAD District IV Average</b>						
July 1993 .. . . .	-	35.1	27.5	W	27.5	29.3
June 1993 .. . . .	W	W	28.3	W	28.5	28.7
July 1992 .. . . .	-	26.7	24.9	W	24.9	22.8
<b>PAD District V Average<sup>a</sup></b>						
July 1993 .. . . .	52.9	30.0	30.4	26.5	35.2	27.4
June 1993 .. . . .	53.2	35.3	33.6	34.1	36.0	34.5
July 1992 .. . . .	43.6	35.0	36.7	34.6	36.2	34.6

See footnotes at end of table.

**Table 41. Residual Fuel Oil Prices by PAD District and Selected States (Continued)**  
(Cents per Gallon Excluding Taxes)

Geographic Area Month	Residual Fuel Oil Sulfur Content Less Than or Equal to 1 Percent		Residual Fuel Oil Sulfur Content Greater Than 1 Percent		Average	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
<b>California</b>						
July 1993 .. ...	NA	30.0	29.4	25.8	29.5	27.7
June 1993 .. ...	NA	35.4	34.7	33.9	34.9	34.6
July 1992 .. ..	38.2	35.1	38.9	37.8	38.9	37.2
<b>Hawaii</b>						
July 1993 .... .	W	-	33.8	W	48.8	W
June 1993 ..... .	W	-	38.6	W	51.0	W
July 1992 .... .	W	-	37.3	39.3	42.6	39.3
<b>Oregon</b>						
July 1993 .. ....	-	-	32.0	33.5	32.0	33.5
June 1993 . . . .	W	-	W	W	W	W
July 1992 ..... .	-	-	37.3	37.6	37.3	37.6
<b>Washington</b>						
July 1993 ..... .	W	-	30.2	24.1	30.2	24.1
June 1993 . . . .	W	-	30.9	34.4	30.9	34.4
July 1992 ..... .	-	-	35.1	34.8	35.1	34.8

Some State data are not sufficient for publication individually, but are used in calculating the PAD District average

Dashes (-) = No data reported

NA = Not available

W = Withheld to avoid disclosure of individual company data

Note: Values shown for the current month are preliminary. Values shown for previous month are revised. Data are final upon publication in the Petroleum Marketing Annual.

Sources: Energy Information Administration Form EIA-782A, "Refiners/Gas Plant Operators' Monthly Petroleum Product Sales Report," and EIA-782B, "Reseller/Retailers' Monthly Petroleum Product Sales Report."



# **Sales Volumes of Petroleum Products**





**Table 42. Refiner Total Motor Gasoline Volumes by Seller,  
PAD District, and State**  
(Thousand Gallons)

Geographic Area Month	Major Refiners			Other Refiners			Total		
	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale
	Through Company Outlets	Other End Users		Through Company Outlets	Other End Users		Through Company Outlets	Other End Users	
<b>U.S. Total</b>									
July 1993 .....	1,287,666	49,482	6,782,442	469,375	18,000	1,758,568	1,757,041	68,482	8,541,010
June 1993 .....	1,268,186	54,179	6,483,726	475,847	18,382	1,804,930	1,742,033	72,561	8,288,856
July 1992 .....	1,310,465	56,969	6,703,095	484,039	20,936	1,754,552	1,794,504	77,905	8,457,647
<b>PAD District I Total</b>									
July 1993 .....	386,085	15,622	2,608,541	77,147	9,118	273,195	463,232	24,740	2,881,736
June 1993 .....	372,252	15,900	2,478,598	73,548	8,934	293,482	445,800	24,834	2,772,080
July 1992 .....	400,711	18,521	2,542,377	77,607	10,684	310,182	478,318	29,205	2,852,559
<b>Subdistrict IA Total</b>									
July 1993 .....	21,842	W	338,827	-	W	14,603	21,842	3,079	353,430
June 1993 .....	20,448	W	322,676	-	W	37,705	20,448	2,874	360,381
July 1992 .....	21,227	W	322,632	-	W	50,007	21,227	3,690	372,639
<b>Connecticut</b>									
July 1993 .....	W	522	W	-	W	W	W	W	93,723
June 1993 .....	W	W	90,117	-	W	NA	W	W	103,714
July 1992 .....	W	W	W	-	W	W	W	494	100,145
<b>Maine</b>									
July 1993 .....	-	W	W	-	W	W	-	176	42,358
June 1993 .....	-	W	W	-	W	W	-	171	45,808
July 1992 .....	-	169	W	-	W	W	-	W	43,634
<b>Massachusetts</b>									
July 1993 .....	11,905	W	W	-	W	W	11,905	1,765	158,096
June 1993 .....	10,943	W	140,293	-	W	15,502	10,943	1,589	155,795
July 1992 .....	11,261	W	129,565	-	W	37,284	11,261	2,096	166,849
<b>New Hampshire</b>									
July 1993 .....	2,880	W	W	-	W	W	2,880	88	20,653
June 1993 .....	2,787	84	W	-	W	W	2,787	W	18,476
July 1992 .....	W	W	W	-	W	W	W	645	20,008
<b>Rhode Island</b>									
July 1993 .....	W	W	32,056	-	W	W	W	236	W
June 1993 .....	W	W	W	-	W	W	W	277	31,656
July 1992 .....	2,858	W	W	-	W	W	2,858	166	36,528
<b>Vermont</b>									
July 1993 .....	-	-	W	-	W	W	-	W	W
June 1993 .....	-	W	W	-	W	W	-	W	4,832
July 1992 .....	-	W	W	-	-	W	-	W	5,475
<b>Subdistrict IB Total</b>									
July 1993 .....	143,288	W	1,090,336	30,786	W	125,003	174,074	10,739	1,215,339
June 1993 .....	135,239	5,781	1,036,231	29,797	5,308	118,490	165,036	11,089	1,154,721
July 1992 .....	138,472	W	1,073,142	30,626	W	126,345	169,098	11,017	1,199,487
<b>Delaware</b>									
July 1993 .....	W	W	W	-	-	W	W	W	29,712
June 1993 .....	W	266	W	-	-	W	W	266	28,655
July 1992 .....	W	W	W	-	-	W	W	W	23,768
<b>District of Columbia</b>									
July 1993 .....	-	W	W	-	-	W	-	W	13,405
June 1993 .....	-	W	W	-	-	W	-	W	13,044
July 1992 .....	-	W	W	-	-	W	-	W	13,880
<b>Maryland</b>									
July 1993 .....	-	W	W	NA	W	W	NA	1,645	170,856
June 1993 .....	-	W	W	W	W	W	W	1,171	162,141
July 1992 .....	-	W	146,807	-	W	15,410	-	1,154	162,317
<b>New Jersey</b>									
July 1993 .....	W	W	259,486	W	W	33,910	37,942	2,409	283,396
June 1993 .....	W	W	255,578	W	W	30,492	34,968	2,542	288,070
July 1992 .....	W	W	288,067	W	W	54,122	35,818	2,381	342,180
<b>New York</b>									
July 1993 .....	51,241	W	326,164	W	W	33,740	W	1,617	359,904
June 1993 .....	W	1,531	301,744	W	W	29,941	83,192	W	331,685
July 1992 .....	49,931	W	307,822	W	W	19,182	W	2,230	327,004
<b>Pennsylvania</b>									
July 1993 .....	55,385	1,536	308,467	13,739	3,318	39,599	69,124	4,854	348,066
June 1993 .....	52,756	1,508	292,220	13,211	3,326	42,906	65,867	4,834	335,126
July 1992 .....	53,945	1,281	295,001	13,523	3,457	35,198	67,466	4,738	330,199

See footnotes at end of table.

**Table 42. Refiner Total Motor Gasoline Volumes by Seller,  
PAD District, and State (Continued)**  
(Thousand Gallons)

Geographic Area Month	Major Refiners			Other Refiners			Total		
	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale
	Through Company Outlets	Other End Users		Through Company Outlets	Other End Users		Through Company Outlets	Other End Users	
<b>Subdistrict IC Total</b>									
July 1993	220,955	8,208	1,179,378	46,361	2,714	133,589	267,316	10,922	1,312,967
June 1993	216,565	W	1,119,691	43,751	W	137,286	260,316	10,871	1,256,977
July 1992	241,012	11,189	1,146,603	46,981	3,309	133,830	287,993	14,498	1,280,433
<b>Florida</b>									
July 1993	102,106	W	354,162	10,821	W	42,691	112,927	4,273	396,853
June 1993	102,281	W	337,607	10,090	W	46,509	112,371	3,803	384,116
July 1992	114,614	W	339,546	11,591	W	41,913	126,205	4,905	381,459
<b>Georgia</b>									
July 1993	44,842	2,302	220,298	5,453	-	27,160	50,295	2,302	247,450
June 1993	43,775	2,515	208,961	5,341	-	27,167	49,116	2,515	236,128
July 1992	47,342	W	209,760	5,623	W	30,203	52,965	1,355	239,963
<b>North Carolina</b>									
July 1993	W	W	243,879	W	W	22,928	24,555	654	266,807
June 1993	W	658	234,844	W	-	24,284	23,353	658	259,120
July 1992	W	3,365	247,120	W	-	21,602	26,242	3,365	268,722
<b>South Carolina</b>									
July 1993	W	W	113,893	W	W	13,304	31,029	654	127,187
June 1993	W	W	108,603	W	W	12,233	29,743	687	120,836
July 1992	W	1,101	112,511	W	-	13,068	30,497	1,101	125,579
<b>Virginia</b>									
July 1993	W	900	223,056	W	792	22,051	31,580	1,692	245,107
June 1993	W	1,119	207,089	W	766	22,241	29,981	1,885	229,330
July 1992	W	W	211,659	W	W	20,602	33,687	2,421	232,261
<b>West Virginia</b>									
July 1993	W	W	24,100	W	W	5,455	16,922	1,347	29,555
June 1993	W	W	22,587	W	W	4,852	15,752	1,323	27,439
July 1992	W	W	26,007	W	W	6,442	18,397	1,351	32,449
<b>PAD District II Total</b>									
July 1993	476,257	18,192	1,707,037	183,062	1,344	617,517	659,319	19,536	2,414,554
June 1993	456,839	22,051	1,705,193	178,698	1,331	614,118	635,537	23,382	2,319,311
July 1992	477,445	20,194	1,737,874	183,774	929	596,608	661,210	21,123	2,334,482
<b>Illinois</b>									
July 1993	W	978	266,023	W	NA	39,364	80,433	979	305,387
June 1993	W	W	245,610	W	W	53,208	80,081	1,361	290,818
July 1992	W	W	244,451	W	W	38,397	78,113	974	292,848
<b>Indiana</b>									
July 1993	W	W	140,348	W	W	25,608	56,039	684	165,956
June 1993	W	W	134,469	W	W	24,085	52,362	772	158,554
July 1992	W	W	138,618	W	W	31,018	53,737	925	169,636
<b>Iowa</b>									
July 1993	2,420	W	63,574	7,540	-	48,116	9,960	W	111,890
June 1993	2,469	W	61,803	7,138	-	46,270	9,607	W	108,073
July 1992	2,618	926	67,368	8,959	-	42,986	11,577	926	110,384
<b>Kansas</b>									
July 1993	8,649	W	37,979	12,989	W	76,507	21,638	609	114,486
June 1993	8,474	W	35,768	11,876	W	78,982	20,350	665	114,750
July 1992	8,860	W	43,002	11,228	W	76,399	20,088	432	119,401
<b>Kentucky</b>									
July 1993	26,281	1,842	112,934	3,373	-	8,917	29,654	1,842	121,851
June 1993	25,197	2,187	105,211	3,220	-	12,080	28,417	2,187	117,291
July 1992	25,312	2,160	111,227	3,450	-	9,633	28,762	2,160	120,860
<b>Michigan</b>									
July 1993	W	W	262,053	W	W	46,579	95,466	3,746	308,632
June 1993	W	W	241,829	W	W	48,000	92,522	4,705	289,829
July 1992	W	3,460	243,829	W	-	46,774	96,432	3,460	290,603
<b>Minnesota</b>									
July 1993	34,985	W	77,042	10,744	W	51,972	45,729	542	129,014
June 1993	34,147	W	80,873	10,985	W	52,852	45,132	687	133,725
July 1992	30,372	W	81,819	10,777	W	50,311	41,149	544	132,130
<b>Missouri</b>									
July 1993	22,102	W	113,162	18,894	W	49,033	40,996	962	162,195
June 1993	21,436	1,361	109,038	18,087	-	44,741	39,523	1,361	153,779
July 1992	24,548	W	107,546	17,550	W	54,236	42,098	825	161,782

See footnotes at end of table.

**Table 42. Refiner Total Motor Gasoline Volumes by Seller,  
PAD District, and State (Continued)**  
(Thousand Gallons)

Geographic Area Month	Major Refiners			Other Refiners			Total		
	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale
	Through Company Outlets	Other End Users		Through Company Outlets	Other End Users		Through Company Outlets	Other End Users	
<b>Nebraska</b>									
July 1993 . . . . .	W	W	32,481	W	W	29,779	6,125	245	62,260
June 1993 . . . . .	W	W	32,037	W	W	29,442	5,755	222	61,479
July 1992 . . . . .	W	W	29,598	W	-	28,424	7,491	W	58,022
<b>North Dakota</b>									
July 1993 . . . . .	W	61	15,422	W	-	16,750	521	61	32,180
June 1993 . . . . .	W	W	14,949	W	-	15,593	463	W	30,542
July 1992 . . . . .	646	W	17,304	W	-	14,005	W	W	31,309
<b>Ohio</b>									
July 1993 . . . . .	W	W	236,468	W	W	17,398	173,338	7,223	253,866
June 1993 . . . . .	W	W	220,813	W	W	15,904	168,220	8,220	236,717
July 1992 . . . . .	W	W	228,368	W	W	13,060	179,006	7,362	241,428
<b>Oklahoma</b>									
July 1993 . . . . .	18,324	W	90,328	7,620	W	112,110	25,944	1,300	202,438
June 1993 . . . . .	17,085	W	100,172	7,174	W	100,877	24,259	1,520	201,049
July 1992 . . . . .	19,910	W	100,709	7,918	W	94,043	27,828	2,106	194,752
<b>South Dakota</b>									
July 1993 . . . . .	W	W	23,146	W	-	17,133	831	W	40,279
June 1993 . . . . .	W	31	20,417	W	-	15,372	702	31	35,789
July 1992 . . . . .	W	W	21,338	W	W	16,407	W	W	37,745
<b>Tennessee</b>									
July 1993 . . . . .	29,493	686	206,221	16,017	182	26,005	45,510	868	232,226
June 1993 . . . . .	27,887	920	195,315	15,188	111	26,203	43,075	1,031	221,518
July 1992 . . . . .	30,135	764	186,759	16,082	242	32,002	46,217	1,006	218,761
<b>Wisconsin</b>									
July 1993 . . . . .	W	W	119,856	W	W	52,238	27,135	339	172,094
June 1993 . . . . .	W	W	106,889	W	W	50,509	25,069	456	157,399
July 1992 . . . . .	W	W	115,938	W	W	48,903	27,201	270	164,841
<b>PAD District III Total</b>									
July 1993 . . . . .	163,657	5,345	945,459	95,021	2,726	540,066	258,678	8,071	1,485,525
June 1993 . . . . .	155,468	5,282	935,274	107,936	1,897	582,321	263,404	7,179	1,517,595
July 1992 . . . . .	174,964	5,123	1,001,803	113,074	1,744	472,945	288,038	6,867	1,474,748
<b>Alabama</b>									
July 1993 . . . . .	11,438	W	126,636	3,080	W	29,283	14,518	1,082	155,919
June 1993 . . . . .	11,072	W	124,832	2,921	W	29,395	13,993	1,129	154,227
July 1992 . . . . .	12,518	W	124,287	3,430	W	28,756	15,948	1,058	153,043
<b>Arkansas</b>									
July 1993 . . . . .	W	W	70,737	W	W	49,734	11,034	133	120,471
June 1993 . . . . .	W	W	67,841	W	W	57,246	10,502	107	125,087
July 1992 . . . . .	W	W	67,097	W	W	40,800	12,487	148	107,897
<b>Louisiana</b>									
July 1993 . . . . .	20,475	1,114	116,874	4,110	64	43,683	24,585	1,178	160,857
June 1993 . . . . .	19,667	1,009	115,054	5,165	23	44,506	24,832	1,032	159,560
July 1992 . . . . .	21,533	907	122,998	5,362	77	51,864	26,915	984	174,882
<b>Mississippi</b>									
July 1993 . . . . .	W	145	106,494	W	255	36,597	4,535	400	143,091
June 1993 . . . . .	W	124	96,817	W	177	41,988	4,564	301	138,805
July 1992 . . . . .	W	352	80,894	W	307	41,683	6,010	659	122,577
<b>New Mexico</b>									
July 1993 . . . . .	3,088	394	31,605	7,028	98	25,403	10,116	492	57,008
June 1993 . . . . .	3,176	378	30,618	7,552	101	25,933	10,728	479	56,551
July 1992 . . . . .	3,320	W	34,862	7,233	W	24,271	10,553	323	59,133
<b>Texas</b>									
July 1993 . . . . .	123,305	W	493,013	70,585	W	355,366	193,890	4,786	848,379
June 1993 . . . . .	116,522	2,602	500,112	82,263	1,529	383,253	198,795	4,131	883,365
July 1992 . . . . .	130,427	2,532	571,665	85,698	1,163	286,551	216,125	3,695	857,216
<b>PAD District IV Total</b>									
July 1993 . . . . .	40,307	618	173,718	31,210	489	102,840	71,517	1,107	276,558
June 1993 . . . . .	37,897	637	164,807	32,497	685	98,960	70,394	1,322	263,767
July 1992 . . . . .	42,238	636	165,119	31,861	1,095	108,588	74,099	1,731	273,707

See footnotes at end of table

**Table 42. Refiner Total Motor Gasoline Volumes by Seller,  
PAD District, and State (Continued)**  
(Thousand Gallons)

Geographic Area Month	Major Refiners			Other Refiners			Total		
	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale
	Through Company Outlets	Other End Users		Through Company Outlets	Other End Users		Through Company Outlets	Other End Users	
<b>Colorado</b>									
July 1993 . . . . .	27,601	W	57,020	27,629	W	39,398	55,430	W	96,418
June 1993 . . . . .	26,397	W	52,174	29,065	W	34,445	55,462	W	86,619
July 1992 . . . . .	27,822	W	51,344	28,439	W	40,163	56,261	420	91,507
<b>Idaho</b>									
July 1993 . . . . .	-	W	33,426	W	-	16,003	W	W	49,429
June 1993 . . . . .	-	W	30,394	W	-	16,021	W	W	46,415
July 1992 . . . . .	W	W	31,490	W	-	15,487	617	W	46,977
<b>Montana</b>									
July 1993 . . . . .	-	W	27,204	W	NA	14,048	W	NA	41,252
June 1993 . . . . .	-	W	29,929	W	W	17,617	W	266	47,546
July 1992 . . . . .	W	W	27,075	W	249	17,929	W	W	45,004
<b>Utah</b>									
July 1993 . . . . .	W	W	42,656	W	W	19,608	12,589	584	62,264
June 1993 . . . . .	W	W	40,501	W	W	19,196	11,666	649	59,697
July 1992 . . . . .	W	W	43,406	W	W	23,063	11,373	619	66,469
<b>Wyoming</b>									
July 1993 . . . . .	W	W	13,412	W	W	13,783	2,577	153	27,195
June 1993 . . . . .	W	W	11,809	W	W	11,681	2,263	85	23,490
July 1992 . . . . .	W	W	11,804	1,592	W	11,946	W	309	23,750
<b>PAD District V Total</b>									
July 1993 . . . . .	221,360	9,705	1,257,687	82,935	NA	224,950	304,295	15,028	1,482,637
June 1993 . . . . .	243,730	10,309	1,199,854	83,167	5,535	216,049	326,897	15,844	1,415,903
July 1992 . . . . .	215,107	12,495	1,255,922	77,723	6,464	266,229	292,830	18,979	1,522,151
<b>Alaska</b>									
July 1993 . . . . .	W	W	W	W	NA	W	7,580	NA	16,258
June 1993 . . . . .	W	W	W	W	W	W	7,085	3,541	14,225
July 1992 . . . . .	W	W	W	W	W	W	6,660	1,692	18,944
<b>Arizona</b>									
July 1993 . . . . .	W	W	82,277	W	W	9,570	32,627	1,097	91,847
June 1993 . . . . .	W	W	77,558	W	W	11,652	36,150	1,168	89,210
July 1992 . . . . .	W	661	83,231	W	1,505	14,279	32,036	2,166	97,510
<b>California</b>									
July 1993 . . . . .	137,008	W	845,156	59,611	W	160,965	186,619	6,130	1,006,121
June 1993 . . . . .	151,192	W	803,976	60,750	W	158,300	211,942	6,385	962,276
July 1992 . . . . .	131,221	8,472	825,423	54,793	1,951	195,984	186,014	10,423	1,021,407
<b>Hawaii</b>									
July 1993 . . . . .	W	W	W	W	W	W	5,767	W	22,512
June 1993 . . . . .	W	W	W	W	W	W	5,615	W	21,649
July 1992 . . . . .	W	W	W	W	W	W	5,671	2,901	24,269
<b>Nevada</b>									
July 1993 . . . . .	W	W	53,001	W	W	12,250	4,187	391	65,251
June 1993 . . . . .	W	W	50,029	W	W	10,608	4,923	963	60,635
July 1992 . . . . .	W	W	52,219	W	W	10,530	4,475	432	62,749
<b>Oregon</b>									
July 1993 . . . . .	W	W	89,734	W	W	NA	14,639	412	105,728
June 1993 . . . . .	W	410	86,004	W	W	NA	15,210	W	98,002
July 1992 . . . . .	W	W	99,756	W	W	13,940	13,949	363	113,666
<b>Washington</b>									
July 1993 . . . . .	W	W	157,492	W	W	17,428	42,876	506	174,920
June 1993 . . . . .	W	530	153,817	W	-	16,089	45,972	530	169,906
July 1992 . . . . .	W	W	164,180	W	W	19,396	44,025	922	183,576

Dashes (-) = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data

Note: Values shown for the current month are preliminary. Values shown for previous month are revised. Data are final upon publication in the Petroleum Marketing Annual. Totals may not equal the sum of components due to rounding.

Source: Energy Information Administration Form EIA-782A, "Refiners/Gas Plant Operators' Monthly Petroleum Product Sales Report"

**Table 43. Refiner Motor Gasoline Volumes by Grade,  
PAD District, and State**  
(Thousand Gallons)

Geographic Area Month	Leaded Regular		Unleaded Regular		Unleaded Midgrade		Premium	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
<b>U.S. Total</b>								
July 1993 .....	16,665	101,138	1,175,532	5,835,008	292,869	901,730	340,457	1,703,133
June 1993 .....	18,361	102,812	1,186,487	5,725,322	283,757	850,788	325,989	1,609,757
July 1992 .....	22,998	137,627	1,220,236	5,790,504	292,071	892,288	337,104	1,637,226
<b>PAD District I Total</b>								
July 1993 .....	W	W	282,827	1,706,201	W	W	117,086	760,879
June 1993 .....	W	W	276,937	1,681,108	W	W	109,494	721,023
July 1992 .....	W	99	302,815	1,686,502	W	419,149	112,402	748,809
<b>Subdistrict IA Total</b>								
July 1993 .....	-	-	13,914	215,791	4,571	50,937	6,436	86,702
June 1993 .....	-	-	13,327	225,358	4,220	47,843	5,775	87,080
July 1992 .....	-	-	14,117	234,188	4,598	51,002	6,202	87,449
<b>Connecticut</b>								
July 1993 .....	-	-	2,802	52,265	951	16,170	W	25,288
June 1993 .....	-	-	W	63,431	927	15,432	1,370	24,851
July 1992 .....	-	-	2,461	56,381	1,006	17,081	W	26,683
<b>Maine</b>								
July 1993 .....	-	-	W	28,442	W	5,845	W	8,271
June 1993 .....	-	-	168	32,427	W	5,031	W	8,350
July 1992 .....	-	-	W	29,709	W	5,761	W	8,164
<b>Massachusetts</b>								
July 1993 .....	-	-	7,701	98,359	2,516	19,557	3,453	38,180
June 1993 .....	-	-	7,296	95,971	2,238	19,312	3,000	40,512
July 1992 .....	-	-	7,704	110,597	2,392	18,695	3,261	37,557
<b>New Hampshire</b>								
July 1993 .....	-	-	1,886	12,710	517	W	765	W
June 1993 .....	-	-	1,657	11,771	W	W	729	W
July 1992 .....	-	-	2,027	12,560	W	W	709	W
<b>Rhode Island</b>								
July 1993 .....	-	-	1,540	19,920	W	W	718	9,132
June 1993 .....	-	-	1,550	18,598	570	4,530	W	8,528
July 1992 .....	-	-	1,666	21,549	623	5,267	735	9,712
<b>Vermont</b>								
July 1993 .....	-	-	W	4,095	-	W	-	W
June 1993 .....	-	-	W	3,160	-	W	-	W
July 1992 .....	-	-	W	3,392	-	W	-	W
<b>Subdistrict IB Total</b>								
July 1993 .....	W	W	109,448	704,832	W	W	47,014	354,469
June 1993 .....	W	W	108,813	675,830	W	W	42,545	332,147
July 1992 .....	W	W	111,006	675,246	W	W	40,580	361,773
<b>Delaware</b>								
July 1993 .....	-	-	664	18,357	308	5,870	W	5,485
June 1993 .....	-	-	W	16,270	269	5,356	209	5,029
July 1992 .....	-	-	579	13,273	W	5,184	W	5,331
<b>District of Columbia</b>								
July 1993 .....	-	-	W	4,235	W	2,788	W	6,382
June 1993 .....	-	-	W	4,182	W	2,662	W	6,200
July 1992 .....	-	-	W	4,564	W	2,815	W	6,811
<b>Maryland</b>								
July 1993 .....	-	-	1,084	90,545	266	33,708	318	46,603
June 1993 .....	-	-	853	85,912	146	31,927	W	44,302
July 1992 .....	-	-	764	82,197	189	35,404	201	44,716
<b>New Jersey</b>								
July 1993 .....	-	-	21,668	159,179	6,161	32,085	12,522	101,232
June 1993 .....	-	-	20,583	160,043	5,766	31,071	11,179	94,956
July 1992 .....	-	-	20,145	195,941	6,191	34,834	11,863	121,414
<b>New York</b>								
July 1993 .....	W	W	41,828	211,344	7,712	W	18,204	110,655
June 1993 .....	W	W	41,289	195,750	7,590	W	16,532	100,573
July 1992 .....	W	W	43,585	185,762	8,366	W	15,178	104,768
<b>Pennsylvania</b>								
July 1993 .....	W	W	W	221,172	13,843	W	15,718	84,112
June 1993 .....	W	W	43,440	213,673	W	W	14,421	81,087
July 1992 .....	W	W	W	203,509	13,402	W	13,001	78,933
<b>Subdistrict IC Total</b>								
July 1993 .....	W	-	159,465	785,578	W	207,681	63,636	319,708
June 1993 .....	W	-	158,797	759,920	W	195,261	61,174	301,796
July 1992 .....	W	W	177,692	777,068	W	W	65,610	297,587

See footnotes at end of table.

**Table 43. Refiner Motor Gasoline Volumes by Grade,  
PAD District, and State (Continued)**  
(Thousand Gallons)

Geographic Area Month	Leaded Regular		Unleaded Regular		Unleaded Midgrade		Premium	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
<b>Florida</b>								
July 1993	-	-	61,420	220,604	23,829	64,733	31,951	111,516
June 1993	-	-	60,795	213,665	23,635	62,829	31,744	107,622
July 1992	-	-	69,782	214,803	26,570	61,993	34,750	104,663
<b>Georgia</b>								
July 1993	-	-	30,933	154,127	10,646	35,616	11,018	57,715
June 1993	-	-	30,845	147,943	10,248	34,225	10,538	53,960
July 1992	-	-	33,223	149,788	10,550	37,851	10,547	52,324
<b>North Carolina</b>								
July 1993	-	-	16,009	170,204	4,869	39,794	4,331	56,809
June 1993	-	-	15,458	160,565	4,599	36,457	3,954	54,106
July 1992	-	-	19,854	173,910	5,249	40,845	4,504	53,967
<b>South Carolina</b>								
July 1993	-	-	20,061	82,698	5,642	18,892	5,980	25,597
June 1993	-	-	19,624	79,323	5,294	17,904	5,512	23,609
July 1992	-	-	21,274	83,436	5,553	19,156	4,771	22,987
<b>Virginia</b>								
July 1993	-	-	18,732	139,126	6,777	43,469	7,771	62,512
June 1993	-	-	18,389	132,775	6,370	39,214	7,107	57,341
July 1992	-	W	20,392	134,040	7,601	W	8,115	57,599
<b>West Virginia</b>								
July 1993	W	-	12,310	18,819	W	5,177	2,585	5,559
June 1993	W	-	11,686	17,849	W	4,632	2,319	5,158
July 1992	W	W	13,167	21,091	W	W	2,923	6,047
<b>PAD District II Total</b>								
July 1993	W	W	473,477	1,856,668	W	W	100,253	360,250
June 1993	W	W	466,414	1,801,070	W	W	93,856	334,501
July 1992	W	8,778	476,988	1,800,447	W	192,112	98,355	333,145
<b>Illinois</b>								
July 1993	-	W	55,275	217,679	13,374	W	12,763	55,241
June 1993	-	W	55,160	216,014	12,841	W	13,441	51,663
July 1992	-	W	52,837	197,554	12,972	W	13,278	50,864
<b>Indiana</b>								
July 1993	W	W	38,784	116,146	W	W	9,079	28,657
June 1993	W	W	37,330	113,783	7,925	W	W	25,008
July 1992	W	W	38,233	123,346	8,335	W	W	23,998
<b>Iowa</b>								
July 1993	W	-	8,630	103,113	480	747	905	7,830
June 1993	W	-	8,378	99,324	428	971	871	7,778
July 1992	W	-	10,196	99,910	1,146	1,796	W	8,658
<b>Kansas</b>								
July 1993	-	W	17,849	102,430	1,746	W	2,652	9,982
June 1993	-	16	16,884	103,118	1,681	1,976	2,450	9,640
July 1992	W	W	15,930	105,106	W	W	2,726	11,334
<b>Kentucky</b>								
July 1993	W	W	20,678	81,379	5,433	W	W	23,479
June 1993	W	W	20,337	79,651	W	W	5,134	21,154
July 1992	W	147	20,608	81,793	W	17,770	5,241	21,160
<b>Michigan</b>								
July 1993	-	W	72,757	227,756	12,704	W	13,751	51,478
June 1993	-	1,041	72,656	216,523	11,750	26,789	12,821	45,478
July 1992	W	1,830	74,174	215,081	W	27,577	12,793	46,115
<b>Minnesota</b>								
July 1993	W	-	35,605	111,957	5,429	6,386	W	10,671
June 1993	W	-	35,509	116,650	5,268	6,646	W	10,429
July 1992	W	-	31,774	114,024	4,957	6,942	W	11,164
<b>Missouri</b>								
July 1993	-	-	29,692	127,693	5,990	8,213	6,336	26,289
June 1993	-	-	29,150	120,661	5,676	8,030	6,058	25,088
July 1992	W	-	20,579	125,421	W	11,370	6,728	24,991
<b>Nebraska</b>								
July 1993	W	W	5,483	58,328	W	W	554	3,747
June 1993	W	W	5,192	57,795	256	W	W	3,584
July 1992	W	W	4,903	54,153	1,943	W	583	3,137
<b>North Dakota</b>								
July 1993	W	W	480	28,756	W	W	50	1,741
June 1993	-	W	413	27,402	W	W	39	1,594
July 1992	W	W	578	27,355	57	W	101	1,904

See footnotes at end of table.

**Table 43. Refiner Motor Gasoline Volumes by Grade,  
PAD District, and State (Continued)**  
(Thousand Gallons)

Geographic Area Month	Leaded Regular		Unleaded Regular		Unleaded Midgrade		Premium	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
<b>Ohio</b>								
July 1993 .....	W	W	120,853	185,096	33,660	W	W	40,492
June 1993 .....	W	W	121,084	176,280	31,717	W	W	35,990
July 1992 .....	W	W	127,093	181,259	33,794	W	W	36,843
<b>Oklahoma</b>								
July 1993 .....	-	W	18,853	177,074	4,006	W	4,385	21,103
June 1993 .....	-	56	18,027	174,532	3,719	2,123	4,039	24,338
July 1992 .....	W	1,650	20,845	167,590	W	3,203	4,991	22,301
<b>South Dakota</b>								
July 1993 .....	-	W	797	36,043	W	W	34	3,148
June 1993 .....	-	W	694	32,191	W	W	W	2,538
July 1992 .....	-	W	750	34,075	W	W	W	2,655
<b>Tennessee</b>								
July 1993 .....	-	-	26,896	144,968	9,904	34,947	9,578	52,311
June 1993 .....	-	-	26,037	139,916	9,194	32,859	8,875	48,743
July 1992 .....	-	W	28,614	139,578	9,697	W	8,912	46,641
<b>Wisconsin</b>								
July 1993 .....	-	-	20,905	138,250	2,911	8,763	3,658	24,081
June 1993 .....	-	-	19,563	127,230	2,737	8,660	3,225	21,488
July 1992 .....	-	-	21,074	134,202	2,886	9,247	3,511	21,392
<b>PAD District III Total</b>								
July 1993 .....	1,113	7,618	158,857	1,081,097	51,470	148,059	55,309	248,751
June 1993 .....	1,393	10,030	163,195	1,126,304	51,479	143,412	54,516	237,849
July 1992 .....	1,745	11,735	179,979	1,090,858	55,321	142,760	57,860	229,395
<b>Alabama</b>								
July 1993 .....	-	-	9,017	102,018	3,264	20,517	3,319	33,384
June 1993 .....	-	-	8,906	102,194	3,134	19,958	3,082	32,075
July 1992 .....	-	-	10,413	102,930	3,518	20,948	3,075	29,165
<b>Arkansas</b>								
July 1993 .....	-	W	7,625	87,200	2,106	W	1,436	23,738
June 1993 .....	-	W	7,373	93,726	1,929	W	1,307	22,194
July 1992 .....	-	W	8,662	77,594	2,377	W	1,596	18,984
<b>Louisiana</b>								
July 1993 .....	-	-	13,958	100,985	5,460	21,622	6,345	38,050
June 1993 .....	-	-	14,218	103,032	5,435	20,852	6,211	35,676
July 1992 .....	-	-	15,543	109,628	5,651	21,271	6,705	43,983
<b>Mississippi</b>								
July 1993 .....	-	-	3,226	101,121	874	13,897	835	28,073
June 1993 .....	-	-	3,152	104,303	877	13,185	836	21,237
July 1992 .....	-	-	4,506	93,162	W	11,988	W	17,427
<b>New Mexico</b>								
July 1993 .....	W	5,653	8,140	43,572	W	2,141	1,095	5,642
June 1993 .....	W	6,321	8,312	42,848	W	1,943	1,261	5,439
July 1992 .....	1,179	8,564	8,020	43,798	W	826	W	5,945
<b>Texas</b>								
July 1993 .....	W	W	116,881	646,201	W	W	42,279	119,864
June 1993 .....	W	W	121,234	680,121	W	W	41,819	121,228
July 1992 .....	566	W	132,835	663,746	42,197	W	44,222	113,891
<b>PAD District IV Total</b>								
July 1993 .....	1,313	25,558	46,873	195,541	12,086	12,261	12,352	43,198
June 1993 .....	1,378	27,852	47,416	186,530	11,543	10,137	11,379	39,248
July 1992 .....	4,000	37,504	50,195	185,006	9,011	11,141	12,624	40,056
<b>Colorado</b>								
July 1993 .....	W	1,767	38,873	71,473	9,789	8,905	8,289	14,273
June 1993 .....	W	1,843	37,691	65,093	W	7,656	7,796	12,227
July 1992 .....	W	6,207	38,393	61,148	W	9,197	8,703	14,955
<b>Idaho</b>								
July 1993 .....	84	W	381	33,522	-	W	W	6,026
June 1993 .....	80	W	377	31,778	-	W	W	5,249
July 1992 .....	130	10,908	534	31,408	-	-	W	4,661
<b>Montana</b>								
July 1993 .....	W	6,029	460	29,198	-	-	82	6,027
June 1993 .....	W	8,741	727	31,949	-	-	W	6,856
July 1992 .....	W	8,764	2,361	30,167	-	-	W	6,073

See footnotes at end of table

**Table 43. Refiner Motor Gasoline Volumes by Grade,  
PAD District, and State (Continued)**  
(Thousand Gallons)

Geographic Area Month	Leaded Regular		Unleaded Regular		Unleaded Midgrade		Premium	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
<b>Utah</b>								
July 1993 . . . . .	W	5,796	7,209	41,424	2,297	2,584	W	12,520
June 1993 . . . . .	W	5,757	6,937	40,238	W	2,251	3,017	11,451
July 1992 . . . . .	W	W	6,824	44,927	W	W	2,797	10,933
<b>Wyoming</b>								
July 1993 . . . . .	262	W	1,950	19,926	-	W	518	4,352
June 1993 . . . . .	232	W	1,684	17,472	-	W	432	3,465
July 1992 . . . . .	W	W	2,083	17,356	-	W	533	3,434
<b>PAD District V Total</b>								
July 1993 . . . . .	13,891	62,600	213,498	995,501	36,477	134,480	55,457	290,056
June 1993 . . . . .	15,228	60,047	232,525	950,309	38,245	128,411	56,743	277,136
July 1992 . . . . .	16,284	79,511	210,259	1,027,691	29,403	127,126	55,863	297,823
<b>Alaska</b>								
July 1993 . . . . .	W	757	9,629	13,962	-	-	1,094	1,539
June 1993 . . . . .	441	681	9,182	12,199	-	-	1,003	1,345
July 1992 . . . . .	633	1,228	6,471	16,186	-	-	1,248	1,530
<b>Arizona</b>								
July 1993 . . . . .	3,639	W	23,631	63,388	171	W	6,283	15,073
June 1993 . . . . .	4,332	12,542	26,428	62,376	188	491	6,390	13,801
July 1992 . . . . .	4,307	15,016	24,030	67,776	157	518	5,708	14,200
<b>California</b>								
July 1993 . . . . .	W	NA	131,382	669,978	W	125,728	36,799	210,414
June 1993 . . . . .	W	NA	144,195	640,399	W	120,454	37,858	201,422
July 1992 . . . . .	W	12	131,630	668,672	W	119,360	37,343	213,363
<b>Hawaii</b>								
July 1993 . . . . .	-	-	5,178	12,136	W	2,567	2,384	7,809
June 1993 . . . . .	-	-	4,989	11,632	W	2,417	2,346	7,600
July 1992 . . . . .	-	-	5,229	14,146	1,071	2,282	2,352	7,841
<b>Nevada</b>								
July 1993 . . . . .	-	122	3,335	48,495	595	5,481	648	11,153
June 1993 . . . . .	-	132	4,339	44,498	714	4,843	833	11,162
July 1992 . . . . .	-	749	3,548	46,959	687	4,887	672	10,154
<b>Oregon</b>								
July 1993 . . . . .	2,340	19,875	10,645	73,064	W	-	W	12,789
June 1993 . . . . .	2,428	18,659	11,241	67,197	W	-	2,001	12,146
July 1992 . . . . .	W	25,627	9,762	75,929	W	W	1,915	W
<b>Washington</b>								
July 1993 . . . . .	7,446	W	29,898	114,478	W	W	W	31,279
June 1993 . . . . .	W	28,031	32,151	112,009	W	206	6,312	29,660
July 1992 . . . . .	8,753	36,879	29,569	118,023	-	W	6,625	W

Dashes (-) = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

Note: Values shown for the current month are preliminary. Values shown for previous month are revised. Data are final upon publication in the Petroleum Marketing Annual. Totals may not equal the sum of components due to rounding.

Source: Energy Information Administration Form EIA-782A, "Refiners/Gas Plant Operators' Monthly Petroleum Product Sales Report."



**Table 44. Refiner Volumes of Aviation Fuels and Propane  
by PAD District and State  
(Thousand Gallons)**

Geographic Area Month	Aviation Gasoline		Kerosene-Type Jet Fuel		Propane (Consumer Grade)	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
<b>U.S. Total</b>						
July 1993 . . . . .	7,650	25,554	1,338,827	236,222	65,462	667,141
June 1993 . . . . .	7,027	24,387	1,284,042	215,987	68,420	687,803
July 1992 . . . . .	7,241	29,352	1,301,539	243,551	100,009	711,294
<b>PAD District I Total</b>						
July 1993 . . . . .	3,176	3,776	386,652	39,064	NA	83,476
June 1993 . . . . .	3,024	3,749	366,080	36,758	13,224	79,980
July 1992 . . . . .	3,089	4,830	355,489	29,437	W	94,823
<b>Subdistrict IA Total</b>						
July 1993 . . . . .	W	W	36,592	2,310	W	3,974
June 1993 . . . . .	W	W	34,193	2,423	W	5,936
July 1992 . . . . .	W	W	38,272	1,476	W	4,824
<b>Connecticut</b>						
July 1993 . . . . .	W	W	7,303	W	W	733
June 1993 . . . . .	W	W	6,309	W	W	1,155
July 1992 . . . . .	W	W	8,005	W	W	1,492
<b>Maine</b>						
July 1993 . . . . .	W	-	W	W	W	133
June 1993 . . . . .	W	-	W	W	W	120
July 1992 . . . . .	W	-	4,801	W	W	W
<b>Massachusetts</b>						
July 1993 . . . . .	W	W	23,031	1,807	W	1,584
June 1993 . . . . .	W	W	22,304	1,056	W	2,471
July 1992 . . . . .	W	W	22,439	1,125	W	1,825
<b>New Hampshire</b>						
July 1993 . . . . .	W	W	651	W	NA	1,023
June 1993 . . . . .	W	W	874	W	W	1,259
July 1992 . . . . .	W	W	W	W	W	978
<b>Rhode Island</b>						
July 1993 . . . . .	W	W	1,531	W	-	NA
June 1993 . . . . .	W	W	1,427	W	-	856
July 1992 . . . . .	W	W	1,934	W	-	W
<b>Vermont</b>						
July 1993 . . . . .	W	W	W	W	NA	208
June 1993 . . . . .	W	W	W	W	W	275
July 1992 . . . . .	W	W	W	W	W	246
<b>Subdistrict IB Total</b>						
July 1993 . . . . .	W	W	194,071	26,501	W	29,573
June 1993 . . . . .	W	W	186,397	25,216	W	32,055
July 1992 . . . . .	W	W	181,545	20,454	1,711	33,709
<b>Delaware</b>						
July 1993 . . . . .	W	W	W	W	-	W
June 1993 . . . . .	W	-	W	W	-	W
July 1992 . . . . .	W	-	77	W	-	W
<b>District of Columbia</b>						
July 1993 . . . . .	W	-	W	-	-	-
June 1993 . . . . .	-	-	W	-	-	-
July 1992 . . . . .	-	-	-	-	-	-
<b>Maryland</b>						
July 1993 . . . . .	W	W	7,014	W	NA	W
June 1993 . . . . .	W	W	6,488	W	W	W
July 1992 . . . . .	W	W	6,633	W	W	W
<b>New Jersey</b>						
July 1993 . . . . .	268	W	145,799	13,757	W	5,531
June 1993 . . . . .	255	W	144,249	15,864	W	7,939
July 1992 . . . . .	W	W	136,367	12,357	261	7,839
<b>New York</b>						
July 1993 . . . . .	W	W	11,393	6,292	W	4,070
June 1993 . . . . .	W	W	9,025	1,791	W	4,306
July 1992 . . . . .	W	W	9,532	1,866	W	5,715
<b>Pennsylvania</b>						
July 1993 . . . . .	W	136	28,901	8,136	NA	17,636
June 1993 . . . . .	W	142	28,086	7,424	564	17,387
July 1992 . . . . .	W	201	28,936	5,850	554	17,010
<b>Subdistrict IC Total</b>						
July 1993 . . . . .	1,781	2,484	155,989	10,253	NA	49,929
June 1993 . . . . .	1,740	2,620	145,490	8,119	9,228	41,989
July 1992 . . . . .	1,677	2,938	135,672	7,507	W	56,280

See footnotes at end of table.

**Table 44. Refiner Volumes of Aviation Fuels and Propane  
by PAD District and State (Continued)**  
(Thousand Gallons)

Geographic Area Month	Aviation Gasoline		Kerosene-Type Jet Fuel		Propane (Consumer Grade)	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
<b>Florida</b>						
July 1993 .....	1,075	1,155	68,425	5,402	W	10,409
June 1993 .....	1,087	1,080	59,572	4,690	W	10,534
July 1992 .....	1,099	1,322	58,175	3,819	W	10,140
<b>Georgia</b>						
July 1993 .....	154	650	39,383	2,437	NA	9,179
June 1993 .....	188	587	39,234	1,862	W	8,491
July 1992 .....	154	556	32,081	1,398	W	9,939
<b>North Carolina</b>						
July 1993 .....	W	W	9,194	966	NA	14,144
June 1993 .....	W	W	10,226	776	3,081	10,588
July 1992 .....	77	545	7,638	696	W	20,628
<b>South Carolina</b>						
July 1993 .....	W	162	W	W	W	W
June 1993 .....	W	302	W	W	634	8,922
July 1992 .....	W	W	2,042	W	W	11,374
<b>Virginia</b>						
July 1993 .....	220	145	36,349	1,130	470	8,513
June 1993 .....	W	W	33,812	1,200	655	W
July 1992 .....	W	278	34,341	1,122	690	3,834
<b>West Virginia</b>						
July 1993 .....	W	W	W	W	NA	W
June 1993 .....	W	W	W	W	W	W
July 1992 .....	W	W	594	W	W	375
<b>PAD District II Total</b>						
July 1993 .....	1,742	6,515	243,818	31,992	21,140	213,146
June 1993 .....	1,718	6,002	242,900	28,439	18,308	210,207
July 1992 .....	1,480	7,247	263,564	21,410	21,242	222,602
<b>Illinois</b>						
July 1993 .....	W	W	40,375	2,576	3,511	20,497
June 1993 .....	W	W	39,428	2,364	3,152	22,966
July 1992 .....	W	W	33,146	2,688	2,795	20,622
<b>Indiana</b>						
July 1993 .....	37	869	45,665	4,399	1,741	10,324
June 1993 .....	61	783	44,900	5,303	1,610	7,015
July 1992 .....	68	948	54,196	3,260	2,037	10,281
<b>Iowa</b>						
July 1993 .....	W	427	1,247	706	W	8,193
June 1993 .....	W	321	1,334	591	W	5,985
July 1992 .....	W	407	1,627	927	W	9,702
<b>Kansas</b>						
July 1993 .....	W	580	W	W	1,372	97,671
June 1993 .....	W	460	7,825	W	W	100,010
July 1992 .....	W	598	8,540	W	W	86,127
<b>Kentucky</b>						
July 1993 .....	W	140	15,504	1,622	W	6,497
June 1993 .....	W	125	12,434	1,678	W	6,265
July 1992 .....	W	107	21,853	376	3,716	12,631
<b>Michigan</b>						
July 1993 .....	W	W	27,312	1,760	NA	5,795
June 1993 .....	W	W	28,834	2,164	5,578	5,942
July 1992 .....	W	W	29,815	1,454	5,691	7,529
<b>Minnesota</b>						
July 1993 .....	W	697	28,653	2,288	W	10,183
June 1993 .....	W	821	26,084	1,838	W	9,490
July 1992 .....	W	666	26,882	1,788	W	12,136
<b>Missouri</b>						
July 1993 .....	W	383	9,962	2,992	W	8,269
June 1993 .....	W	472	10,223	2,525	W	7,818
July 1992 .....	W	527	8,549	1,994	336	10,320
<b>Nebraska</b>						
July 1993 .....	W	297	1,489	589	-	2,532
June 1993 .....	W	259	1,882	467	-	2,299
July 1992 .....	W	389	1,941	377	W	5,648
<b>North Dakota</b>						
July 1993 .....	W	W	584	207	W	5,371
June 1993 .....	44	W	615	181	W	4,183
July 1992 .....	W	W	637	217	W	7,747

See footnotes at end of table.

**Table 44. Refiner Volumes of Aviation Fuels and Propane  
by PAD District and State (Continued)**  
(Thousand Gallons)

Geographic Area Month	Aviation Gasoline		Kerosene-Type Jet Fuel		Propane (Consumer Grade)	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
<b>Ohio</b>						
July 1993 ....	W	415	26,353	3,685	1,597	11,341
June 1993 ....	W	476	26,716	2,537	1,308	12,538
July 1992 . . . . .	W	477	30,364	3,047	W	10,897
<b>Oklahoma</b>						
July 1993 ....	W	341	14,498	8,093	166	11,258
June 1993 ....	W	335	19,445	6,124	112	11,903
July 1992 . . . . .	28	554	27,307	2,163	W	14,202
<b>South Dakota</b>						
July 1993 . . . . .	W	W	W	W	W	1,370
June 1993 . . . . .	W	W	470	W	W	1,120
July 1992 . . . . .	W	W	483	W	W	2,162
<b>Tennessee</b>						
July 1993 ....	214	461	19,209	1,284	NA	4,288
June 1993 ....	W	409	18,485	1,094	W	3,462
July 1992 . . . . .	W	526	13,521	1,122	W	4,670
<b>Wisconsin</b>						
July 1993 . . . . .	W	656	4,389	1,019	1,820	7,557
June 1993 . . . . .	W	512	4,225	855	1,983	9,111
July 1992 . . . . .	W	755	4,703	1,187	1,679	7,929
<b>PAD District III Total</b>						
July 1993 . . . . .	885	5,572	273,946	95,492	26,845	306,634
June 1993 . . . . .	515	5,239	255,050	93,657	26,904	342,862
July 1992 . . . . .	653	6,394	270,393	98,865	52,803	320,645
<b>Alabama</b>						
July 1993 . . . . .	132	379	3,194	494	NA	6,173
June 1993 . . . . .	116	359	3,500	547	579	6,154
July 1992 . . . . .	129	329	3,496	467	750	5,793
<b>Arkansas</b>						
July 1993 . . . . .	W	W	618	1,075	W	3,579
June 1993 . . . . .	W	W	354	974	W	3,133
July 1992 . . . . .	W	W	446	822	W	2,241
<b>Louisiana</b>						
July 1993 . . . . .	W	186	63,762	17,223	W	17,776
June 1993 . . . . .	W	188	58,309	15,615	8,471	19,147
July 1992 . . . . .	W	285	67,976	15,245	W	27,329
<b>Mississippi</b>						
July 1993 . . . . .	144	290	24,442	13,886	W	19,396
June 1993 . . . . .	W	276	14,090	4,679	W	20,526
July 1992 . . . . .	95	485	13,230	6,877	W	19,052
<b>New Mexico</b>						
July 1993 . . . . .	W	W	4,119	769	4,986	10,474
June 1993 . . . . .	W	W	4,418	1,039	W	10,585
July 1992 . . . . .	W	W	3,651	581	6,377	8,164
<b>Texas</b>						
July 1993 . . . . .	295	3,822	177,811	62,045	11,075	249,237
June 1993 . . . . .	200	3,340	174,379	70,803	9,971	283,317
July 1992 . . . . .	213	4,095	181,586	74,873	19,384	258,066
<b>PAD District IV Total</b>						
July 1993 . . . . .	382	1,649	48,523	5,449	NA	21,012
June 1993 . . . . .	439	1,402	37,782	3,837	2,172	19,789
July 1992 . . . . .	484	1,815	42,847	3,507	W	21,646
<b>Colorado</b>						
July 1993 . . . . .	W	671	28,250	3,106	NA	6,543
June 1993 . . . . .	W	559	20,054	2,563	47	6,131
July 1992 . . . . .	W	677	22,865	2,211	25	5,926
<b>Idaho</b>						
July 1993 . . . . .	W	121	1,508	253	W	89
June 1993 . . . . .	W	107	1,309	251	W	73
July 1992 . . . . .	W	150	1,192	319	W	W
<b>Montana</b>						
July 1993 . . . . .	W	W	1,926	W	W	4,644
June 1993 . . . . .	W	W	1,780	W	W	5,144
July 1992 . . . . .	W	W	1,890	W	W	5,259

See footnotes at end of table.

**Table 44. Refiner Volumes of Aviation Fuels and Propane  
by PAD District and State (Continued)**  
(Thousand Gallons)

Geographic Area Month	Aviation Gasoline		Kerosene-Type Jet Fuel		Propane (Consumer Grade)	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
<b>Utah</b>						
July 1993	20	718	16,556	1,670	NA	2,355
June 1993	40	551	14,322	718	W	1,931
July 1992	38	717	16,539	609	W	W
<b>Wyoming</b>						
July 1993	W	W	283	W	174	7,300
June 1993	W	W	317	W	NA	6,510
July 1992	W	W	361	W	301	7,168
<b>PAD District V Total</b>						
July 1993	1,455	8,042	385,868	64,224	NA	42,873
June 1993	1,331	7,995	362,230	53,296	8,812	44,965
July 1992	1,535	9,066	369,246	80,312	8,925	51,578
<b>Alaska</b>						
July 1993	W	2,637	47,824	W	NA	W
June 1993	W	1,304	42,793	2,054	W	W
July 1992	W	W	33,368	W	W	W
<b>Arizona</b>						
July 1993	W	478	13,836	1,432	NA	561
June 1993	W	511	16,525	3,269	W	347
July 1992	W	W	17,596	1,750	W	3,277
<b>California</b>						
July 1993	730	3,278	218,836	44,738	W	28,160
June 1993	675	3,066	203,892	41,099	W	30,154
July 1992	W	3,789	213,831	63,864	W	33,297
<b>Hawaii</b>						
July 1993	W	W	29,182	W	W	W
June 1993	W	W	25,807	W	W	W
July 1992	W	W	31,146	W	W	W
<b>Nevada</b>						
July 1993	W	W	13,295	2,189	NA	W
June 1993	W	207	12,266	2,034	W	338
July 1992	W	W	11,668	1,047	W	W
<b>Oregon</b>						
July 1993	W	640	12,779	1,372	W	325
June 1993	W	706	11,390	W	W	178
July 1992	W	581	12,424	727	W	100
<b>Washington</b>						
July 1993	156	W	50,134	12,988	NA	11,387
June 1993	83	W	49,557	3,005	W	11,247
July 1992	W	W	49,191	16,458	W	12,238

Dashes (-) = No data reported.

NA = Not available

W = Withheld to avoid disclosure of individual company data

Note. Values shown for the current month are preliminary. Values shown for previous month are revised. Data are final upon publication in the Petroleum Marketing Annual.

Note. PAD District and U.S. totals equal the sum of the volumes for all States. In certain PAD Districts, however, volumes are not shown for every State.

Source: Energy Information Administration Form EIA-782A, "Refiners/Gas Plant Operators' Monthly Petroleum Product Sales Report."

**Table 45. Refiner Volumes of Kerosene and Distillates  
by PAD District and State**  
(Thousand Gallons)

Geographic Area Month	Kerosene		No. 1 Distillate		No. 2 Distillate	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
<b>U.S. Total</b>						
July 1993 .....	2,666	25,709	7,454	19,740	721,995	2,864,485
June 1993 .....	3,452	23,704	7,770	19,925	721,512	2,839,391
July 1992 .....	3,255	17,396	7,797	20,590	768,361	2,798,410
<b>PAD District I Total</b>						
July 1993 .....	1,905	11,024	992	1,621	212,723	775,214
June 1993 .....	2,147	12,881	953	1,663	214,183	782,513
July 1992 .....	2,758	6,133	1,253	1,908	237,176	720,285
<b>Subdistrict IA Total</b>						
July 1993 .....	W	618	310	W	10,801	59,064
June 1993 .....	55	776	287	W	12,621	68,642
July 1992 .....	77	856	W	W	12,165	74,274
<b>Connecticut</b>						
July 1993 .....	W	W	W	W	3,098	20,364
June 1993 .....	W	330	-	W	3,368	23,054
July 1992 .....	W	W	W	W	2,955	31,680
<b>Maine</b>						
July 1993 .....	-	W	W	W	862	7,256
June 1993 .....	W	128	-	51	1,063	10,935
July 1992 .....	-	W	W	W	816	5,832
<b>Massachusetts</b>						
July 1993 .....	W	W	W	W	4,990	19,031
June 1993 .....	W	W	W	W	6,254	21,208
July 1992 .....	W	W	-	W	6,535	19,577
<b>New Hampshire</b>						
July 1993 .....	-	W	W	-	W	W
June 1993 .....	-	W	W	W	425	W
July 1992 .....	-	W	W	W	514	2,917
<b>Rhode Island</b>						
July 1993 .....	-	-	W	-	1,040	7,568
June 1993 .....	-	W	W	-	1,131	8,934
July 1992 .....	-	-	W	W	1,012	11,920
<b>Vermont</b>						
July 1993 .....	-	W	-	-	W	W
June 1993 .....	-	W	-	W	380	W
July 1992 .....	-	W	-	W	333	2,368
<b>Subdistrict IB Total</b>						
July 1993 .....	W	6,724	170	694	79,585	412,327
June 1993 .....	2,010	9,141	167	1,039	78,023	394,658
July 1992 .....	2,592	2,427	W	969	77,098	360,904
<b>Delaware</b>						
July 1993 .....	-	W	W	W	1,165	15,637
June 1993 .....	-	W	-	-	W	12,552
July 1992 .....	-	W	-	W	W	W
<b>District of Columbia</b>						
July 1993 .....	-	-	-	-	47	1,723
June 1993 .....	-	-	-	-	W	1,321
July 1992 .....	-	-	-	-	W	W
<b>Maryland</b>						
July 1993 .....	W	W	W	W	8,834	27,632
June 1993 .....	W	W	-	W	8,810	25,429
July 1992 .....	W	W	W	-	8,094	24,824
<b>New Jersey</b>						
July 1993 .....	W	3,855	W	W	16,177	160,893
June 1993 .....	W	6,256	W	W	18,396	123,505
July 1992 .....	W	536	W	422	14,200	137,238
<b>New York</b>						
July 1993 .....	W	1,439	W	188	18,894	72,771
June 1993 .....	1,391	695	W	343	19,717	88,510
July 1992 .....	W	312	W	W	19,338	62,651
<b>Pennsylvania</b>						
July 1993 .....	54	1,358	49	143	34,566	133,671
June 1993 .....	73	2,081	W	548	20,679	143,341
July 1992 .....	94	1,348	39	283	31,154	121,161
<b>Subdistrict IC Total</b>						
July 1993 .....	253	3,682	512	W	122,337	303,823
June 1993 .....	82	2,974	499	W	123,539	319,213
July 1992 .....	89	2,850	493	W	147,913	285,107

See footnotes at end of table.

**Table 45. Refiner Volumes of Kerosene and Distillates  
by PAD District and State (Continued)**  
(Thousand Gallons)

Geographic Area Month	Kerosene		No. 1 Distillate		No. 2 Distillate	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
<b>Florida</b>						
July 1993	W	407	W	W	40,028	75,026
June 1993	W	456	W	W	38,924	75,921
July 1992	W	317	W	W	52,986	70,085
<b>Georgia</b>						
July 1993	17	291	W	W	23,899	68,160
June 1993	31	254	-	44	25,447	65,733
July 1992	11	183	W	W	25,897	53,956
<b>North Carolina</b>						
July 1993	6	1,591	NA	W	20,370	61,606
June 1993	12	1,068	W	W	19,865	69,280
July 1992	5	1,269	W	447	23,696	62,996
<b>South Carolina</b>						
July 1993	3	W	-	-	10,349	25,775
June 1993	16	390	W	-	11,168	27,873
July 1992	4	482	W	-	12,278	24,929
<b>Virginia</b>						
July 1993	162	748	W	122	15,910	59,316
June 1993	W	735	172	94	16,375	65,415
July 1992	27	468	W	201	21,502	59,055
<b>West Virginia</b>						
July 1993	W	W	W	W	11,781	13,950
June 1993	6	71	W	W	11,760	14,991
July 1992	W	131	W	W	11,554	14,086
<b>PAD District II Total</b>						
July 1993	657	2,471	4,193	11,644	256,857	810,376
June 1993	W	1,896	4,438	10,589	266,748	837,106
July 1992	W	2,323	4,387	10,850	255,844	768,986
<b>Illinois</b>						
July 1993	60	138	W	725	19,891	86,123
June 1993	113	W	W	458	22,698	93,427
July 1992	83	W	W	554	22,851	86,735
<b>Indiana</b>						
July 1993	W	230	W	404	35,873	67,492
June 1993	W	201	W	349	32,649	70,237
July 1992	7	215	W	418	36,595	69,427
<b>Iowa</b>						
July 1993	-	W	W	415	8,232	44,639
June 1993	-	W	W	414	9,196	45,926
July 1992	-	W	W	325	6,996	39,846
<b>Kansas</b>						
July 1993	-	W	-	394	13,557	65,092
June 1993	-	W	-	504	12,352	76,535
July 1992	-	W	W	731	13,041	59,766
<b>Kentucky</b>						
July 1993	10	182	W	173	21,858	40,908
June 1993	W	175	W	111	23,560	41,035
July 1992	10	167	W	265	22,999	38,690
<b>Michigan</b>						
July 1993	9	387	W	4,489	17,769	58,990
June 1993	24	336	W	3,552	18,570	62,025
July 1992	9	431	W	3,274	15,035	55,213
<b>Minnesota</b>						
July 1993	W	66	W	574	11,459	47,480
June 1993	W	30	W	417	10,692	53,740
July 1992	W	26	W	373	9,466	49,875
<b>Missouri</b>						
July 1993	-	67	W	415	8,056	48,172
June 1993	-	34	W	476	9,391	48,186
July 1992	-	W	W	729	11,078	48,594
<b>Nebraska</b>						
July 1993	-	W	-	369	W	32,060
June 1993	-	W	-	399	W	35,315
July 1992	-	W	-	208	W	33,432
<b>North Dakota</b>						
July 1993	-	-	-	246	W	15,935
June 1993	-	-	-	186	W	17,242
July 1992	W	-	W	W	W	16,462

See footnotes at end of table.

**Table 45. Refiner Volumes of Kerosene and Distillates  
by PAD District and State (Continued)**  
(Thousand Gallons)

Geographic Area Month	Kerosene		No. 1 Distillate		No. 2 Distillate	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
<b>Ohio</b>						
July 1993 . . . . .	551	994	26	292	54,856	73,451
June 1993 . . . . .	1,020	837	W	233	57,941	66,727
July 1992 . . . . .	266	855	23	426	54,707	62,552
<b>Oklahoma</b>						
July 1993 . . . . .	W	W	W	W	18,368	78,604
June 1993 . . . . .	-	26	W	W	19,060	78,188
July 1992 . . . . .	W	W	W	2,197	13,997	75,454
<b>South Dakota</b>						
July 1993 . . . . .	-	-	-	313	317	18,342
June 1993 . . . . .	-	-	-	392	W	17,951
July 1992 . . . . .	-	W	W	222	W	17,078
<b>Tennessee</b>						
July 1993 . . . . .	10	269	W	W	25,815	72,221
June 1993 . . . . .	5	151	W	W	27,772	72,555
July 1992 . . . . .	W	432	W	W	27,963	60,729
<b>Wisconsin</b>						
July 1993 . . . . .	W	34	W	872	9,097	60,580
June 1993 . . . . .	W	W	W	774	9,114	58,017
July 1992 . . . . .	-	W	W	876	7,643	54,131
<b>PAD District III Total</b>						
July 1993 . . . . .	104	11,943	W	1,436	124,935	728,429
June 1993 . . . . .	W	8,649	W	2,469	115,926	691,191
July 1992 . . . . .	W	8,612	W	1,424	126,642	722,201
<b>Alabama</b>						
July 1993 . . . . .	W	116	W	W	13,284	38,877
June 1993 . . . . .	W	231	W	W	12,952	42,996
July 1992 . . . . .	W	130	W	W	14,865	38,383
<b>Arkansas</b>						
July 1993 . . . . .	-	365	-	W	9,280	51,696
June 1993 . . . . .	-	190	-	W	9,258	50,231
July 1992 . . . . .	-	296	-	-	11,280	42,017
<b>Louisiana</b>						
July 1993 . . . . .	W	W	-	W	15,536	142,584
June 1993 . . . . .	W	343	-	W	15,347	113,182
July 1992 . . . . .	W	1,292	-	W	16,968	141,674
<b>Mississippi</b>						
July 1993 . . . . .	W	W	W	W	8,113	85,596
June 1993 . . . . .	-	W	W	W	6,801	91,198
July 1992 . . . . .	-	W	W	W	9,893	79,382
<b>New Mexico</b>						
July 1993 . . . . .	-	94	-	31	7,862	20,896
June 1993 . . . . .	-	W	-	30	8,027	21,720
July 1992 . . . . .	-	W	-	68	7,791	21,558
<b>Texas</b>						
July 1993 . . . . .	W	585	W	653	70,860	388,800
June 1993 . . . . .	W	369	W	686	63,541	371,864
July 1992 . . . . .	W	1,533	W	722	66,845	399,187
<b>PAD District IV Total</b>						
July 1993 . . . . .	-	67	W	1,694	29,955	112,080
June 1993 . . . . .	-	W	W	1,426	29,203	115,025
July 1992 . . . . .	-	W	W	1,635	28,883	110,781
<b>Colorado</b>						
July 1993 . . . . .	-	W	W	447	9,238	32,915
June 1993 . . . . .	-	W	W	455	9,350	36,751
July 1992 . . . . .	-	W	W	707	9,030	31,813
<b>Idaho</b>						
July 1993 . . . . .	-	-	-	515	W	14,827
June 1993 . . . . .	-	-	-	419	W	16,225
July 1992 . . . . .	-	-	-	432	W	16,285
<b>Montana</b>						
July 1993 . . . . .	-	-	-	404	W	19,180
June 1993 . . . . .	-	-	-	250	W	18,504
July 1992 . . . . .	-	-	-	169	W	18,374

See footnotes at end of table.

**Table 45. Refiner Volumes of Kerosene and Distillates  
by PAD District and State (Continued)**  
(Thousand Gallons)

Geographic Area Month	Kerosene		No. 1 Distillate		No. 2 Distillate	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
<b>Utah</b>						
July 1993	-	W	W	207	6,878	26,487
June 1993	-	W	W	137	7,104	25,732
July 1992	-	W	W	201	7,143	24,786
<b>Wyoming</b>						
July 1993	-	-	W	111	8,250	18,671
June 1993	-	-	W	165	7,697	17,813
July 1992	-	-	W	128	7,614	19,523
<b>PAD District V Total</b>						
July 1993	-	204	1,007	3,355	97,524	438,386
June 1993	-	W	1,131	3,778	95,452	413,556
July 1992	-	W	922	4,773	119,816	476,157
<b>Alaska</b>						
July 1993	-	-	274	2,107	8,239	15,272
June 1993	-	-	425	2,124	9,178	10,230
July 1992	-	-	429	3,118	7,169	27,041
<b>Arizona</b>						
July 1993	-	W	-	W	9,813	26,890
June 1993	-	W	-	W	10,113	26,794
July 1992	-	-	W	W	11,636	21,291
<b>California</b>						
July 1993	-	147	W	364	45,957	235,502
June 1993	-	166	W	844	43,618	224,759
July 1992	-	W	W	329	63,432	277,110
<b>Hawaii</b>						
July 1993	-	-	W	W	10,829	5,338
June 1993	-	-	W	W	10,923	5,367
July 1992	-	-	W	W	12,640	5,801
<b>Nevada</b>						
July 1993	-	-	W	W	2,715	18,152
June 1993	-	-	W	W	2,704	19,119
July 1992	-	-	W	W	3,015	17,843
<b>Oregon</b>						
July 1993	-	-	W	246	10,787	49,777
June 1993	-	W	W	188	10,326	41,943
July 1992	-	W	W	559	11,566	48,940
<b>Washington</b>						
July 1993	-	W	W	550	9,385	87,455
June 1993	-	W	W	586	8,590	85,345
July 1992	-	W	W	404	10,358	78,131

Dashes (-) = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

Note. Values shown for the current month are preliminary. Values shown for previous month are revised. Data are final upon publication in the Petroleum Marketing Annual.

Note: PAD District and U.S. totals equal the sum of the volumes for all States. In certain PAD Districts, however, volumes are not shown for every State.

Source. Energy Information Administration Form EIA-782A, "Refiners/Gas Plant Operators' Monthly Petroleum Product Sales Report."



**Table 46. Refiner No. 4 and Residual Fuel Oil Volumes by PAD District**  
(Thousand Gallons)

Geographic Area Month	No. 4 Fuel		Residual Fuel Oil Sulfur Content Less Than or Equal to 1 Percent		Residual Fuel Oil Sulfur Content Greater Than 1 Percent		Total Residual	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
<b>U.S. Total</b>								
July 1993 .....	14,850	4,613	155,908	114,341	303,841	214,853	459,749	329,194
June 1993 .....	10,970	4,571	182,104	168,085	331,292	168,712	513,396	334,797
July 1992 .....	15,752	5,235	181,650	139,341	468,756	345,652	650,406	484,893
<b>PAD District I Total</b>								
July 1993 .....	W	2,468	124,874	57,549	133,982	10,304	258,856	67,853
June 1993 .....	6,488	2,759	146,883	86,319	134,098	12,754	280,879	108,073
July 1992 .....	7,872	3,081	146,318	73,919	190,521	73,407	338,839	147,326
<b>Subdistrict IA Total</b>								
July 1993 .....	380	W	W	W	W	W	38,767	W
June 1993 .....	742	W	W	W	W	W	16,697	W
July 1992 .....	602	W	W	W	W	W	49,138	W
<b>Subdistrict IB Total</b>								
July 1993 .....	W	1,920	86,067	55,899	43,689	4,898	129,958	80,887
June 1993 .....	5,221	2,261	W	46,970	W	7,785	118,329	54,755
July 1992 .....	W	2,371	W	56,387	W	44,139	126,205	100,526
<b>Subdistrict IC Total</b>								
July 1993 .....	433	W	W	W	W	W	92,113	W
June 1993 .....	525	W	57,294	W	88,659	W	145,953	W
July 1992 .....	W	W	57,378	W	104,117	W	161,498	W
<b>PAD District II Total</b>								
July 1993 .....	W	W	W	W	W	W	3,599	23,104
June 1993 .....	W	W	W	W	W	W	2,962	10,922
July 1992 .....	W	W	W	W	W	W	3,060	22,084
<b>PAD District III Total</b>								
July 1993 .....	W	-	-	44,066	79,033	136,402	79,033	180,468
June 1993 .....	W	-	-	59,471	98,626	105,803	98,626	165,374
July 1992 .....	W	W	W	48,874	178,597	139,494	W	188,368
<b>PAD District IV Total</b>								
July 1993 .....	-	-	-	W	W	W	W	3,170
June 1993 .....	-	-	W	W	W	W	W	3,217
July 1992 .....	-	-	-	W	W	W	W	6,147
<b>PAD District V Total</b>								
July 1993 .....	-	W	W	W	87,653	W	W	54,599
June 1993 .....	-	W	W	9,923	98,064	36,288	W	48,211
July 1992 .....	W	1,481	34,242	9,162	89,347	111,896	133,589	121,068

Dashes (-) = No data reported.

W = Withheld to avoid disclosure of individual company data.

Note: Values shown for the current month are preliminary. Values shown for previous month are revised. Data are final upon publication in the Petroleum Marketing Annual. Totals may not equal the sum of components due to rounding.

Source: Energy Information Administration Form EIA-782A, "Refiners/Gas Plant Operators' Monthly Petroleum Product Sales Report."



**Prime Supplier  
Sales Volumes  
of Petroleum  
Products  
for Local  
Consumption**



**Table 47. Prime Supplier Sales Volumes of Motor Gasoline by Grade,  
PAD District and State**  
(Thousand Gallons)

Geographic Area Month	Leaded Regular	Unleaded Regular	Unleaded Midgrade	Premium	Total
<b>U.S. Total</b>					
July 1993 .....	119,957	6,989,879	1,263,611	2,107,183	10,480,630
June 1993 .....	121,112	6,799,605	1,186,560	1,885,499	10,102,776
July 1992 .....	161,584	7,165,887	1,236,803	2,003,264	10,567,538
<b>PAD District I Total</b>					
July 1993 .....	208	2,178,125	552,118	942,590	3,873,041
June 1993 .....	243	2,117,424	519,385	885,875	3,522,927
July 1992 .....	300	2,156,543	552,947	895,113	3,804,903
<b>Subdistrict IA Total</b>					
July 1993 .....	-	315,185	76,074	122,273	513,532
June 1993 .....	-	303,832	69,499	114,533	487,864
July 1992 .....	-	329,163	71,581	116,613	517,357
<b>Connecticut</b>					
July 1993 .....	-	66,830	20,182	31,173	118,285
June 1993 .....	-	66,037	19,022	29,853	115,012
July 1992 .....	-	66,065	20,113	31,832	118,010
<b>Maine</b>					
July 1993 .....	-	50,169	9,804	13,718	73,691
June 1993 .....	-	47,697	7,822	12,909	67,828
July 1992 .....	-	48,305	9,510	12,528	70,343
<b>Massachusetts</b>					
July 1993 .....	-	126,851	29,623	51,344	207,818
June 1993 .....	-	122,650	28,113	48,197	198,960
July 1992 .....	-	146,499	26,182	47,820	220,501
<b>New Hampshire</b>					
July 1993 .....	-	26,249	6,080	8,368	40,697
June 1993 .....	-	24,271	4,862	7,379	36,512
July 1992 .....	-	26,081	5,965	7,743	39,789
<b>Rhode Island</b>					
July 1993 .....	-	30,141	7,497	13,035	50,673
June 1993 .....	-	30,142	7,245	12,870	50,257
July 1992 .....	-	28,709	7,122	12,384	48,215
<b>Vermont</b>					
July 1993 .....	-	14,845	2,888	4,635	22,368
June 1993 .....	-	13,035	2,435	3,825	19,295
July 1992 .....	-	13,504	2,689	4,306	20,499
<b>Subdistrict IB Total</b>					
July 1993 .....	W	865,146	W	423,288	1,492,523
June 1993 .....	179	843,650	192,602	393,093	1,429,524
July 1992 .....	124	856,058	206,832	406,062	1,469,978
<b>Delaware</b>					
July 1993 .....	-	23,452	7,886	7,000	38,338
June 1993 .....	-	21,379	7,238	6,406	35,023
July 1992 .....	-	17,881	6,896	6,917	31,694
<b>District of Columbia</b>					
July 1993 .....	-	4,793	2,911	6,561	14,265
June 1993 .....	-	4,782	2,801	6,387	13,970
July 1992 .....	-	5,148	2,904	6,771	14,823
<b>Maryland</b>					
July 1993 .....	-	91,475	34,839	48,033	175,147
June 1993 .....	-	89,415	33,018	45,356	167,789
July 1992 .....	-	89,564	38,462	46,412	172,438
<b>New Jersey</b>					
July 1993 .....	-	180,460	42,943	117,618	341,021
June 1993 .....	-	185,799	40,254	108,285	332,338
July 1992 .....	-	224,358	44,985	123,269	392,610
<b>New York</b>					
July 1993 .....	116	286,628	53,112	143,001	482,857
June 1993 .....	W	276,852	W	135,468	482,858
July 1992 .....	W	251,684	W	127,083	428,677
<b>Pennsylvania</b>					
July 1993 .....	W	278,338	W	100,275	440,895
June 1993 .....	W	265,423	W	93,191	417,546
July 1992 .....	W	267,445	W	96,530	429,734

See footnotes at end of table.

**Table 47. Prime Supplier Sales Volumes of Motor Gasoline by Grade,  
PAD District and State (Continued)**  
(Thousand Gallons)

Geographic Area Month	Leaded Regular	Unleaded Regular	Unleaded Midgrade	Premium	Total
<b>Subdistrict IC Total</b>					
July 1993	W	997,794	W	397,029	1,666,986
June 1993	64	969,942	257,204	378,249	1,605,539
July 1992	176	971,322	274,534	371,538	1,617,570
<b>Florida</b>					
July 1993	-	207,810	90,937	145,370	524,117
June 1993	-	281,221	88,221	141,636	511,078
July 1992	-	276,239	89,599	139,190	505,020
<b>Georgia</b>					
July 1993	W	200,179	W	73,078	322,534
June 1993	W	193,805	47,477	W	310,275
July 1992	W	190,903	W	65,436	307,094
<b>North Carolina</b>					
July 1993	-	197,996	46,122	63,829	307,947
June 1993	-	194,862	42,310	60,424	297,604
July 1992	-	198,563	48,740	60,443	308,054
<b>South Carolina</b>					
July 1993	-	110,454	25,754	33,082	169,290
June 1993	-	105,617	24,380	30,424	160,421
July 1992	-	108,111	26,202	28,689	163,002
<b>Virginia</b>					
July 1993	-	168,561	51,208	73,131	292,900
June 1993	-	162,600	46,903	68,986	278,489
July 1992	W	160,929	W	68,334	279,389
<b>West Virginia</b>					
July 1993	W	32,794	W	8,539	50,198
June 1993	W	31,837	7,985	W	47,672
July 1992	W	36,277	W	9,446	55,003
<b>PAD District II Total</b>					
July 1993	5,870	2,330,458	307,191	473,964	3,117,484
June 1993	5,399	2,253,703	286,796	438,920	2,984,818
July 1992	10,094	2,317,235	305,196	440,527	3,073,052
<b>Illinois</b>					
July 1993	W	274,271	W	69,039	392,256
June 1993	W	262,498	W	67,566	377,213
July 1992	W	282,284	W	71,941	404,290
<b>Indiana</b>					
July 1993	W	166,677	W	39,862	237,754
June 1993	W	160,231	W	33,753	221,762
July 1992	W	165,565	W	32,988	229,679
<b>Iowa</b>					
July 1993	W	110,535	W	9,187	121,479
June 1993	W	111,660	W	9,060	122,358
July 1992	W	110,753	W	9,629	123,416
<b>Kansas</b>					
July 1993	W	115,025	W	13,437	132,734
June 1993	16	107,136	4,320	12,770	124,242
July 1992	17	111,625	4,823	13,781	130,246
<b>Kentucky</b>					
July 1993	W	114,042	W	33,111	172,389
June 1993	W	108,926	W	29,961	162,653
July 1992	163	111,878	25,139	29,579	166,759
<b>Michigan</b>					
July 1993	W	308,380	W	67,008	417,978
June 1993	1,088	298,447	38,431	59,412	395,378
July 1992	2,207	290,900	40,044	59,272	392,423
<b>Minnesota</b>					
July 1993	144	151,011	11,667	16,289	179,111
June 1993	147	155,825	11,726	15,938	183,636
July 1992	W	148,733	W	16,200	177,054
<b>Missouri</b>					
July 1993	W	175,716	W	36,206	232,858
June 1993	W	171,046	W	34,336	224,773
July 1992	110	164,703	21,932	33,661	220,406

**Table 47. Prime Supplier Sales Volumes of Motor Gasoline by Grade,  
PAD District and State (Continued)**  
(Thousand Gallons)

Geographic Area Month	Leaded Regular	Unleaded Regular	Unleaded Midgrade	Premium	Total
<b>Nebraska</b>					
July 1993 . . . . .	233	63,578	298	4,286	68,995
June 1993 . . . . .	148	64,075	257	4,134	68,614
July 1992 . . . . .	416	58,851	2,359	3,747	65,373
<b>North Dakota</b>					
July 1993 . . . . .	W	30,108	W	1,890	33,733
June 1993 . . . . .	W	27,680	W	3,114	32,993
July 1992 . . . . .	W	27,852	W	1,961	31,937
<b>Ohio</b>					
July 1993 . . . . .	W	305,776	W	66,884	434,957
June 1993 . . . . .	W	295,980	W	59,933	412,582
July 1992 . . . . .	W	307,826	W	61,936	426,446
<b>Oklahoma</b>					
July 1993 . . . . .	W	146,713	W	26,556	179,976
June 1993 . . . . .	57	143,035	6,370	25,384	174,846
July 1992 . . . . .	1,714	178,755	7,371	25,919	213,759
<b>South Dakota</b>					
July 1993 . . . . .	W	37,156	W	3,204	41,456
June 1993 . . . . .	W	33,863	W	2,589	37,518
July 1992 . . . . .	W	35,031	W	2,743	38,794
<b>Tennessee</b>					
July 1993 . . . . .	-	166,341	40,970	59,174	266,485
June 1993 . . . . .	-	161,789	38,831	55,565	256,185
July 1992 . . . . .	W	161,200	W	51,038	252,332
<b>Wisconsin</b>					
July 1993 . . . . .	W	165,129	W	27,631	205,922
June 1993 . . . . .	W	153,502	W	25,405	190,865
July 1992 . . . . .	W	161,279	W	26,132	200,138
<b>PAD District III Total</b>					
July 1993 . . . . .	8,759	1,033,821	200,468	295,949	1,528,997
June 1993 . . . . .	11,453	1,021,478	195,594	276,628	1,505,153
July 1992 . . . . .	13,427	1,215,920	200,490	272,851	1,702,688
<b>Alabama</b>					
July 1993 . . . . .	-	113,149	24,116	37,504	174,769
June 1993 . . . . .	-	113,078	23,402	35,970	172,450
July 1992 . . . . .	-	114,295	24,012	32,801	171,908
<b>Arkansas</b>					
July 1993 . . . . .	W	102,317	W	26,594	141,032
June 1993 . . . . .	W	106,667	W	25,099	143,494
July 1992 . . . . .	W	90,486	W	20,988	125,361
<b>Louisiana</b>					
July 1993 . . . . .	-	101,373	26,896	41,027	169,296
June 1993 . . . . .	-	99,348	26,040	39,450	164,838
July 1992 . . . . .	-	124,683	26,753	42,809	194,225
<b>Mississippi</b>					
July 1993 . . . . .	-	87,656	15,467	22,172	125,295
June 1993 . . . . .	-	80,528	15,225	19,777	115,530
July 1992 . . . . .	-	98,609	13,790	19,397	131,796
<b>New Mexico</b>					
July 1993 . . . . .	6,868	52,723	2,579	7,024	69,194
June 1993 . . . . .	7,797	52,420	2,384	7,014	69,625
July 1992 . . . . .	9,855	52,609	1,283	7,375	71,122
<b>Texas</b>					
July 1993 . . . . .	W	576,603	W	151,628	849,411
June 1993 . . . . .	W	569,437	W	149,318	839,216
July 1992 . . . . .	W	735,258	W	149,471	1,008,276
<b>PAD District IV Total</b>					
July 1993 . . . . .	27,370	243,965	24,358	55,818	351,511
June 1993 . . . . .	29,116	237,620	21,759	50,923	339,418
July 1992 . . . . .	42,372	241,603	20,199	53,154	357,328
<b>Colorado</b>					
July 1993 . . . . .	2,692	108,392	18,773	22,856	152,713
June 1993 . . . . .	2,607	105,140	17,217	20,475	145,439
July 1992 . . . . .	9,176	103,912	16,296	24,407	153,791

See footnotes at end of table.

**Table 47. Prime Supplier Sales Volumes of Motor Gasoline by Grade,  
PAD District and State (Continued)**  
(Thousand Gallons)

Geographic Area Month	Leaded Regular	Unleaded Regular	Unleaded Midgrade	Premium	Total
<b>Idaho</b>					
July 1993	W	34,103	W	6,093	50,233
June 1993	W	32,387	W	5,334	47,318
July 1992	11,282	32,557	-	4,738	48,577
<b>Montana</b>					
July 1993	6,072	29,684	-	6,094	41,850
June 1993	8,804	32,606	-	6,931	48,341
July 1992	9,252	32,487	-	6,584	48,323
<b>Utah</b>					
July 1993	5,818	48,444	4,875	15,716	74,853
June 1993	5,349	46,931	4,282	14,151	70,713
July 1992	W	51,689	W	13,352	77,873
<b>Wyoming</b>					
July 1993	W	23,342	W	5,059	31,870
June 1993	W	20,556	W	4,032	27,607
July 1992	W	20,958	W	4,073	28,764
<b>PAD District V Total</b>					
July 1993	77,742	1,203,509	179,476	348,862	1,809,589
June 1993	74,901	1,169,380	173,026	333,153	1,750,459
July 1992	95,391	1,234,586	157,971	341,619	1,829,567
<b>Alaska</b>					
July 1993	1,213	22,260	-	2,671	26,144
June 1993	1,112	21,395	-	2,348	24,855
July 1992	1,860	22,684	-	2,780	27,304
<b>Arizona</b>					
July 1993	16,453	89,882	778	21,599	128,712
June 1993	16,472	88,220	731	20,111	125,534
July 1992	19,321	92,933	836	20,080	133,169
<b>California</b>					
July 1993	W	792,183	W	250,077	1,210,537
June 1993	10	773,472	162,703	240,209	1,176,394
July 1992	22	823,403	148,525	250,752	1,222,702
<b>Hawaii</b>					
July 1993	-	17,320	3,682	10,212	31,214
June 1993	-	16,615	3,456	9,939	30,010
July 1992	-	19,526	3,352	10,200	33,078
<b>Nevada</b>					
July 1993	175	51,263	6,533	11,628	69,599
June 1993	170	47,513	5,870	11,694	65,247
July 1992	795	47,175	5,151	10,254	63,375
<b>Oregon</b>					
July 1993	W	82,669	W	14,759	119,734
June 1993	20,867	77,975	W	W	112,212
July 1992	28,231	84,137	W	W	126,502
<b>Washington</b>					
July 1993	W	147,933	W	37,916	223,649
June 1993	36,269	144,190	W	W	216,207
July 1992	45,162	144,748	W	W	223,437

Dashes (-) = No data reported.

W = Withheld to avoid disclosure of individual company data

Note: Values shown for the current month are preliminary. Values shown for previous month are revised. Data are final upon publication in the Petroleum Marketing Annual. Totals may not equal the sum of components due to rounding.

Source: Energy Information Administration Form EIA-782C, "Monthly Report of Petroleum Products Sold into States for Consumption."



**Table 48. Prime Supplier Sales Volumes of Aviation Fuels, Propane, and Residual Fuel Oil by PAD District and State**  
(Thousand Gallons)

Geographic Area Month	Aviation Gasoline	Kerosene- Type Jet Fuel	Naphtha- Type Jet Fuel	Propane (Consumer Grade)	Residual Fuel Oil		
					Sulfur Content Less Than or Equal to 1 Percent	Sulfur Content Greater Than 1 Percent	Total Residual
<b>U.S. Total</b>							
July 1993 .....	33,194	1,590,353	188,492	746,884	367,771	682,946	1,030,717
June 1993 .....	31,054	1,512,094	173,946	759,572	347,260	584,364	931,644
July 1992 .....	35,817	1,606,536	204,589	845,092	428,864	919,192	1,348,056
<b>PAD District I Total</b>							
July 1993 .....	7,068	414,928	W	117,362	285,326	355,602	640,928
June 1993 .....	6,828	397,285	W	117,972	266,892	280,093	546,791
July 1992 .....	7,904	387,645	25,619	135,449	305,960	353,657	659,617
<b>Subdistrict IA Total</b>							
July 1993 .....	1,151	38,982	W	10,724	35,288	71,037	106,325
June 1993 .....	1,016	36,782	-	14,455	31,088	33,254	64,342
July 1992 .....	1,214	39,900	W	11,778	43,401	81,267	124,668
<b>Connecticut</b>							
July 1993 .....	164	7,418	-	2,191	17,122	-	17,122
June 1993 .....	140	6,638	-	2,435	7,092	-	7,092
July 1992 .....	144	8,191	W	2,616	W	W	8,917
<b>Maine</b>							
July 1993 .....	W	W	W	1,173	5,639	24,457	30,096
June 1993 .....	W	W	-	1,263	9,264	15,307	24,571
July 1992 .....	W	5,046	-	1,372	18,068	15,628	33,696
<b>Massachusetts</b>							
July 1993 .....	W	24,967	W	3,562	10,063	37,235	47,298
June 1993 .....	W	24,314	-	5,338	11,765	12,266	24,031
July 1992 .....	W	23,564	-	3,758	7,568	60,932	68,500
<b>New Hampshire</b>							
July 1993 .....	65	777	-	2,185	W	W	9,554
June 1993 .....	87	911	-	3,012	W	W	5,436
July 1992 .....	74	897	-	2,295	W	W	12,360
<b>Rhode Island</b>							
July 1993 .....	W	1,601	-	807	W	-	W
June 1993 .....	W	1,500	-	1,282	W	-	W
July 1992 .....	W	1,945	W	717	584	-	584
<b>Vermont</b>							
July 1993 .....	48	W	-	806	W	W	W
June 1993 .....	59	W	-	1,125	W	W	W
July 1992 .....	67	257	-	1,020	W	W	611
<b>Subdistrict IB Total</b>							
July 1993 .....	1,851	214,938	W	37,558	195,365	90,761	286,126
June 1993 .....	1,488	207,180	W	41,084	182,160	78,556	238,716
July 1992 .....	2,076	202,788	W	42,947	181,628	123,779	305,407
<b>Delaware</b>							
July 1993 .....	W	W	W	W	21,592	W	W
June 1993 .....	W	W	-	W	8,357	3,943	12,300
July 1992 .....	W	251	W	W	W	W	17,132
<b>District of Columbia</b>							
July 1993 .....	W	W	-	-	W	-	W
June 1993 .....	-	W	-	W	W	-	W
July 1992 .....	-	-	-	-	W	-	W
<b>Maryland</b>							
July 1993 .....	205	7,119	W	W	W	W	46,813
June 1993 .....	W	6,659	W	1,980	W	3,518	W
July 1992 .....	W	6,841	W	W	W	W	W
<b>New Jersey</b>							
July 1993 .....	596	158,100	W	5,247	29,146	8,430	37,576
June 1993 .....	473	157,164	W	7,925	32,574	10,647	43,221
July 1992 .....	1,005	148,027	-	7,788	38,176	46,436	86,612
<b>New York</b>							
July 1993 .....	375	13,556	W	9,025	74,247	35,711	109,958
June 1993 .....	358	11,126	-	10,234	88,648	34,500	123,148
July 1992 .....	360	12,852	-	11,013	103,691	43,507	147,198
<b>Pennsylvania</b>							
July 1993 .....	402	35,077	-	19,740	47,749	20,585	68,334
June 1993 .....	460	31,517	-	18,858	22,576	23,948	46,524
July 1992 .....	473	34,817	W	19,915	24,060	22,934	46,994

See footnotes at end of table.

**Table 48. Prime Supplier Sales Volumes of Aviation Fuels, Propane, and Residual Fuel Oil by PAD District and State (Continued)**  
(Thousand Gallons)

Geographic Area Month	Aviation Gasoline	Kerosene- Type Jet Fuel	Naphtha- Type Jet Fuel	Propane (Consumer Grade)	Residual Fuel Oil		
					Sulfur Content Less Than or Equal to 1 Percent	Sulfur Content Greater Than 1 Percent	Total Residual
<b>Subdistrict IC Total</b>							
July 1993	4,266	161,008	-	69,081	54,673	193,804	248,477
June 1993	4,324	153,323	-	62,453	73,444	170,289	243,733
July 1992	4,614	144,957	W	80,724	80,931	148,611	229,542
<b>Florida</b>							
July 1993	2,231	66,210	-	16,052	53,554	120,924	174,478
June 1993	2,134	62,037	-	18,266	70,593	119,582	190,175
July 1992	2,422	61,994	W	17,527	69,875	109,534	179,409
<b>Georgia</b>							
July 1993	804	41,451	-	13,593	-	9,402	9,402
June 1993	775	41,345	-	12,001	W	7,906	W
July 1992	709	34,661	-	16,332	-	7,362	7,362
<b>North Carolina</b>							
July 1993	470	10,680	-	19,410	W	W	16,239
June 1993	558	11,556	-	15,776	W	W	15,591
July 1992	622	9,114	-	28,671	W	W	13,350
<b>South Carolina</b>							
July 1993	300	2,414	-	8,348	W	W	W
June 1993	434	2,405	-	10,323	W	W	W
July 1992	380	2,698	-	11,493	W	W	W
<b>Virginia</b>							
July 1993	365	37,703	-	10,878	167	39,720	39,887
June 1993	305	35,271	-	5,281	256	15,435	15,691
July 1992	362	35,841	-	5,823	W	W	22,304
<b>West Virginia</b>							
July 1993	96	550	-	800	-	W	W
June 1993	118	709	-	806	W	W	4,400
July 1992	99	649	-	878	78	W	W
<b>PAD District II Total</b>							
July 1993	8,580	270,878	30,325	238,059	3,327	22,774	26,101
June 1993	7,728	270,364	34,042	216,839	W	W	17,119
July 1992	8,734	282,402	37,466	280,870	3,774	18,020	21,794
<b>Illinois</b>							
July 1993	W	28,244	-	24,297	W	W	W
June 1993	W	27,102	-	21,099	W	W	W
July 1992	W	24,695	W	25,442	W	W	3,523
<b>Indiana</b>							
July 1993	916	47,933	8,269	18,057	W	W	6,040
June 1993	852	47,009	W	13,919	56	1,800	1,856
July 1992	1,017	55,201	W	16,260	W	W	764
<b>Iowa</b>							
July 1993	440	1,953	W	10,902	-	W	W
June 1993	326	1,925	W	7,780	-	-	-
July 1992	414	2,553	W	11,313	-	W	W
<b>Kansas</b>							
July 1993	607	8,559	W	87,098	W	-	W
June 1993	483	8,241	W	80,716	-	-	-
July 1992	650	9,107	W	79,074	W	-	W
<b>Kentucky</b>							
July 1993	183	17,128	-	9,378	W	W	W
June 1993	189	14,113	-	6,530	W	W	294
July 1992	139	22,242	-	17,234	W	W	340
<b>Michigan</b>							
July 1993	903	29,063	-	12,411	69	681	750
June 1993	978	31,000	-	13,544	W	W	787
July 1992	919	31,271	-	15,896	W	W	788
<b>Minnesota</b>							
July 1993	717	30,909	W	13,133	-	7,269	7,269
June 1993	851	27,863	W	12,303	-	6,287	6,287
July 1992	683	29,020	W	20,066	-	3,873	3,873
<b>Missouri</b>							
July 1993	403	27,671	W	12,900	W	W	486
June 1993	498	27,447	W	12,965	W	W	W
July 1992	550	21,273	W	17,483	-	W	W

See footnotes at end of table.

**Table 48. Prime Supplier Sales Volumes of Aviation Fuels, Propane, and Residual Fuel Oil by PAD District and State (Continued)**  
(Thousand Gallons)

Geographic Area Month	Aviation Gasoline	Kerosene- Type Jet Fuel	Naphtha- Type Jet Fuel	Propane (Consumer Grade)	Residual Fuel Oil		
					Sulfur Content Less Than or Equal to 1 Percent	Sulfur Content Greater Than 1 Percent	Total Residual
<b>Nebraska</b>							
July 1993 . . . . .	322	2,076	-	2,868	-	W	W
June 1993 . . . . .	273	2,371	-	2,607	-	W	W
July 1992 . . . . .	405	2,318	-	6,332	-	W	W
<b>North Dakota</b>							
July 1993 . . . . .	104	793	W	5,420	-	W	W
June 1993 . . . . .	112	796	W	4,005	-	-	-
July 1992 . . . . .	116	855	W	7,006	-	-	-
<b>Ohio</b>							
July 1993 . . . . .	958	30,070	W	10,910	W	W	1,388
June 1993 . . . . .	876	29,277	W	10,846	W	W	2,037
July 1992 . . . . .	928	33,931	W	11,544	W	W	3,597
<b>Oklahoma</b>							
July 1993 . . . . .	382	18,067	8,730	11,430	-	W	W
June 1993 . . . . .	390	25,671	9,205	11,978	W	-	W
July 1992 . . . . .	582	28,420	13,178	14,864	W	W	W
<b>South Dakota</b>							
July 1993 . . . . .	W	781	W	2,277	W	W	W
June 1993 . . . . .	W	762	W	1,824	-	W	W
July 1992 . . . . .	W	727	W	3,076	-	W	W
<b>Tennessee</b>							
July 1993 . . . . .	676	22,510	W	7,145	W	W	1,384
June 1993 . . . . .	607	21,886	W	5,573	W	W	690
July 1992 . . . . .	716	14,786	W	4,682	W	W	873
<b>Wisconsin</b>							
July 1993 . . . . .	985	5,121	-	9,833	-	3,802	3,802
June 1993 . . . . .	528	5,111	-	11,150	-	4,184	4,184
July 1992 . . . . .	762	6,003	-	10,599	-	3,076	3,076
<b>PAD District III Total</b>							
July 1993 . . . . .	6,103	381,661	81,807	313,100	38,689	157,064	195,763
June 1993 . . . . .	5,467	368,015	84,898	344,543	32,879	162,096	194,975
July 1992 . . . . .	6,278	390,288	70,653	364,567	70,377	316,200	386,577
<b>Alabama</b>							
July 1993 . . . . .	510	3,828	W	6,809	W	W	8,232
June 1993 . . . . .	475	4,170	W	6,853	W	W	7,090
July 1992 . . . . .	458	4,099	W	6,894	-	10,782	10,782
<b>Arkansas</b>							
July 1993 . . . . .	676	1,823	W	5,556	-	-	-
June 1993 . . . . .	W	1,391	W	5,449	-	-	-
July 1992 . . . . .	W	1,269	W	4,554	-	W	W
<b>Louisiana</b>							
July 1993 . . . . .	365	72,578	33,035	24,008	W	84,976	W
June 1993 . . . . .	W	63,468	35,493	25,857	W	W	86,734
July 1992 . . . . .	423	84,337	21,893	46,007	W	W	167,804
<b>Mississippi</b>							
July 1993 . . . . .	433	34,650	5,421	18,467	W	W	7,221
June 1993 . . . . .	334	24,099	W	19,699	W	W	10,746
July 1992 . . . . .	600	19,127	5,827	17,976	-	-	-
<b>New Mexico</b>							
July 1993 . . . . .	366	4,888	3,387	15,068	W	-	W
June 1993 . . . . .	420	5,457	W	16,325	W	W	291
July 1992 . . . . .	W	4,534	4,630	13,961	W	W	W
<b>Texas</b>							
July 1993 . . . . .	3,753	283,894	37,265	243,092	31,146	62,773	93,919
June 1993 . . . . .	3,245	269,430	33,256	270,260	23,593	66,521	90,114
July 1992 . . . . .	3,520	276,922	35,797	273,175	48,011	159,658	207,669
<b>PAD District IV Total</b>							
July 1993 . . . . .	2,029	53,350	W	20,679	2,122	447	2,569
June 1993 . . . . .	1,849	41,620	W	19,368	W	W	2,566
July 1992 . . . . .	2,300	46,357	12,913	21,483	4,224	1,288	5,512
<b>Colorado</b>							
July 1993 . . . . .	743	30,734	W	5,682	-	-	-
June 1993 . . . . .	649	22,617	W	5,274	-	-	-
July 1992 . . . . .	731	25,077	W	5,927	-	-	-

See footnotes at end of table.

**Table 48. Prime Supplier Sales Volumes of Aviation Fuels, Propane, and Residual Fuel Oil by PAD District and State (Continued)**  
(Thousand Gallons)

Geographic Area Month	Aviation Gasoline	Kerosene- Type Jet Fuel	Naphtha- Type Jet Fuel	Propane (Consumer Grade)	Residual Fuel Oil		
					Sulfur Content Less Than or Equal to 1 Percent	Sulfur Content Greater Than 1 Percent	Total Residual
<b>Idaho</b>							
July 1993 .....	155	1,760	-	1,864	-	-	-
June 1993 .....	128	1,560	W	1,733	-	-	-
July 1992 .....	195	1,511	-	1,534	-	-	-
<b>Montana</b>							
July 1993 .....	W	2,158	W	3,903	-	W	W
June 1993 .....	W	1,950	W	3,974	-	W	W
July 1992 .....	W	2,100	W	4,709	-	-	-
<b>Utah</b>							
July 1993 .....	736	18,226	4,767	3,619	W	W	521
June 1993 .....	590	15,040	8,003	3,093	W	W	256
July 1992 .....	756	17,149	8,739	3,822	W	W	1,376
<b>Wyoming</b>							
July 1993 .....	W	472	W	5,612	W	W	W
June 1993 .....	W	445	W	5,294	W	W	W
July 1992 .....	W	520	-	5,491	W	W	4,136
<b>PAD District V Total</b>							
July 1993 .....	9,414	489,536	31,675	57,685	38,297	127,059	165,356
June 1993 .....	9,182	434,810	31,091	60,850	44,416	125,777	170,193
July 1992 .....	10,601	499,644	57,938	62,723	44,529	230,027	274,556
<b>Alaska</b>							
July 1993 .....	2,992	48,131	W	W	-	W	W
June 1993 .....	1,672	44,846	W	1,487	-	W	W
July 1992 .....	W	39,589	W	W	-	W	W
<b>Arizona</b>							
July 1993 .....	584	15,266	W	2,700	W	-	W
June 1993 .....	624	18,793	W	3,143	W	-	W
July 1992 .....	569	19,687	W	5,507	W	-	W
<b>California</b>							
July 1993 .....	3,927	268,465	28,330	32,973	W	W	61,856
June 1993 .....	3,597	248,629	27,778	34,897	10,053	62,921	72,974
July 1992 .....	4,552	293,233	33,780	35,760	10,549	83,691	94,240
<b>Hawaii</b>							
July 1993 .....	W	29,564	-	W	W	W	40,555
June 1993 .....	W	26,061	-	W	W	W	42,744
July 1992 .....	W	31,379	-	W	W	W	43,180
<b>Nevada</b>							
July 1993 .....	W	15,391	-	1,324	W	W	W
June 1993 .....	W	14,181	-	W	W	W	W
July 1992 .....	273	12,714	W	1,662	W	-	W
<b>Oregon</b>							
July 1993 .....	854	14,153	-	2,989	-	W	W
June 1993 .....	715	12,971	-	3,236	-	W	W
July 1992 .....	617	13,583	-	2,873	-	18,412	18,412
<b>Washington</b>							
July 1993 .....	861	78,566	-	13,224	-	50,340	50,340
June 1993 .....	2,210	68,329	-	13,025	-	48,457	48,457
July 1992 .....	1,482	89,659	-	12,270	-	83,137	83,137

Dashes (-) = No data reported

W = Withheld to avoid disclosure of individual company data.

Note: Values shown for the current month are preliminary. Values shown for previous month are revised. Data are final upon publication in the Petroleum Marketing Annual. Totals may not equal the sum of components due to rounding.

Source: Energy Information Administration Form EIA-702C, "Monthly Report of Petroleum Products Sold into States for Consumption."

**Table 49. Prime Supplier Sales Volumes of Distillate Fuel Oils  
by PAD District and State  
(Thousand Gallons)**

Geographic Area Month	Kerosene	No. 1 Distillate	No. 2 Distillate			No. 4 Fuel	Total Distillate and Kerosene
			No. 2 Fuel Oil	No. 2 Diesel	Total		
<b>U.S. Total</b>							
July 1993	20,961	32,148	1,241,439	2,279,033	3,520,472	23,567	3,597,149
June 1993	19,184	31,382	1,309,409	2,275,796	3,585,204	19,957	3,605,727
July 1992	19,557	35,609	1,341,898	2,372,612	3,714,510	25,780	3,740,290
<b>PAD District I Total</b>							
July 1993	15,738	7,284	619,466	493,138	1,112,604	15,572	1,128,176
June 1993	12,716	7,135	638,634	516,270	1,154,904	14,507	1,169,411
July 1992	11,034	7,304	655,243	484,618	1,139,861	16,133	1,155,994
<b>Subdistrict IA Total</b>							
July 1993	2,429	556	103,828	45,942	149,770	2,243	152,013
June 1993	1,805	443	115,851	48,365	164,216	2,990	167,206
July 1992	1,705	W	123,120	50,441	173,561	W	173,561
<b>Connecticut</b>							
July 1993	243	W	23,861	10,094	33,955	W	34,012
June 1993	252	W	27,583	10,812	38,395	W	39,225
July 1992	268	W	37,203	19,417	56,620	W	57,053
<b>Maine</b>							
July 1993	912	102	15,495	7,049	22,544	150	23,709
June 1993	393	W	17,381	6,794	24,175	W	24,841
July 1992	424	108	12,236	6,587	18,823	180	19,535
<b>Massachusetts</b>							
July 1993	959	W	37,554	15,174	52,728	W	54,478
June 1993	887	W	42,125	16,238	58,363	W	60,514
July 1992	825	W	38,555	13,716	52,271	W	54,293
<b>New Hampshire</b>							
July 1993	226	W	11,826	6,553	18,379	W	19,064
June 1993	196	W	13,751	6,574	20,325	W	21,031
July 1992	W	W	11,057	5,373	16,430	327	16,913
<b>Rhode Island</b>							
July 1993	W	W	12,927	4,650	17,577	366	18,210
June 1993	45	W	12,788	5,145	17,933	W	18,675
July 1992	W	W	21,386	3,361	24,747	351	25,398
<b>Vermont</b>							
July 1993	W	W	2,165	2,422	4,587	93	4,726
June 1993	32	W	2,223	2,802	5,025	W	5,169
July 1992	43	W	2,683	1,987	4,670	W	4,933
<b>Subdistrict IB Total</b>							
July 1993	9,052	5,089	341,380	150,872	492,252	12,762	505,014
June 1993	7,930	5,080	341,838	152,702	494,540	10,693	505,233
July 1992	5,940	4,673	354,314	141,552	495,866	12,576	508,442
<b>Delaware</b>							
July 1993	25	W	9,850	8,170	18,020	W	18,078
June 1993	W	-	5,194	7,339	12,533	W	12,580
July 1992	61	W	9,477	7,406	16,883	W	16,954
<b>District of Columbia</b>							
July 1993	W	W	2,488	345	2,831	W	2,831
June 1993	W	W	3,191	529	3,720	W	3,720
July 1992	-	W	3,072	489	3,561	W	3,561
<b>Maryland</b>							
July 1993	285	W	20,041	18,598	38,639	W	39,569
June 1993	200	W	19,711	18,384	38,095	W	38,925
July 1992	268	W	21,080	18,932	40,012	W	40,860
<b>New Jersey</b>							
July 1993	3,496	1,817	127,320	29,857	158,177	1,466	160,056
June 1993	3,311	1,640	112,212	29,690	145,902	1,635	147,537
July 1992	2,124	1,638	146,834	24,203	171,037	1,862	172,899
<b>New York</b>							
July 1993	3,552	639	75,365	34,037	109,402	6,085	115,487
June 1993	3,055	609	89,967	38,226	128,193	7,085	135,278
July 1992	1,759	476	70,516	28,984	99,500	7,258	106,758
<b>Pennsylvania</b>							
July 1993	W	1,463	108,318	60,865	169,183	W	170,646
June 1993	1,319	W	111,583	67,554	179,137	W	180,456
July 1992	1,728	W	103,335	61,528	164,863	W	166,591

See footnotes at end of table.

**Table 49. Prime Supplier Sales Volumes of Distillate Fuel Oils  
by PAD District and State (Continued)**  
(Thousand Gallons)

Geographic Area Month	Kerosene	No. 1 Distillate	No. 2 Distillate			No. 4 Fuel	Total Distillate and Kerosene
			No. 2 Fuel Oil	No. 2 Diesel	Total		
<b>Subdistrict IC Total</b>							
July 1993	4,257	1,639	174,258	296,324	470,582	567	477,045
June 1993	2,981	1,612	180,845	315,203	496,148	824	501,565
July 1992	3,389	W	177,809	292,623	470,432	W	476,350
<b>Florida</b>							
July 1993	258	392	32,805	94,417	127,222	224	128,096
June 1993	189	486	29,897	100,619	130,516	370	131,573
July 1992	337	W	25,889	101,332	127,221	W	128,183
<b>Georgia</b>							
July 1993	W	48	26,434	69,638	96,072	W	96,541
June 1993	356	W	26,803	74,741	101,544	W	102,033
July 1992	270	W	22,353	64,659	87,012	W	87,407
<b>North Carolina</b>							
July 1993	1,677	W	43,694	46,655	90,349	W	92,572
June 1993	1,172	W	46,346	51,256	97,602	W	98,165
July 1992	1,422	W	46,724	48,210	94,934	W	97,019
<b>South Carolina</b>							
July 1993	W	-	17,941	22,473	40,414	W	40,958
June 1993	421	W	20,917	22,621	43,538	W	43,973
July 1992	W	W	17,650	20,989	38,639	-	39,123
<b>Virginia</b>							
July 1993	1,283	749	44,936	44,943	89,779	93	91,904
June 1993	728	776	47,610	47,574	95,184	224	96,912
July 1992	660	865	55,896	40,568	96,564	216	98,304
<b>West Virginia</b>							
July 1993	169	W	6,448	18,298	26,746	W	26,874
June 1993	105	W	9,372	18,392	27,764	W	27,909
July 1992	W	W	8,187	16,665	26,062	-	26,314
<b>PAD District II Total</b>							
July 1993	3,380	W	445,194	644,249	1,089,443	W	1,115,329
June 1993	4,905	W	484,571	662,564	1,147,135	W	1,171,920
July 1992	3,811	W	450,566	628,048	1,078,614	W	1,108,719
<b>Illinois</b>							
July 1993	185	W	50,994	87,198	138,192	W	139,721
June 1993	283	W	58,141	73,042	131,183	W	136,586
July 1992	200	W	73,827	67,792	141,619	W	147,798
<b>Indiana</b>							
July 1993	245	W	38,499	67,289	105,788	W	110,079
June 1993	1,290	W	46,445	59,195	104,640	W	108,183
July 1992	1,300	W	41,927	66,265	108,192	W	117,381
<b>Iowa</b>							
July 1993	78	521	24,881	30,785	55,676	-	56,276
June 1993	W	W	28,002	31,415	59,417	-	59,891
July 1992	71	495	20,233	29,206	49,439	-	50,005
<b>Kansas</b>							
July 1993	W	W	31,759	34,529	66,288	-	66,852
June 1993	W	W	36,781	38,271	75,052	-	75,554
July 1992	W	W	27,866	38,622	66,488	-	67,237
<b>Kentucky</b>							
July 1993	200	W	28,358	49,425	77,783	W	78,407
June 1993	227	W	26,473	53,255	79,728	W	80,421
July 1992	172	W	19,223	48,259	67,482	W	68,069
<b>Michigan</b>							
July 1993	422	5,081	47,867	32,132	79,999	-	85,502
June 1993	454	W	48,814	34,704	83,518	W	88,171
July 1992	442	3,884	45,812	26,185	71,997	-	78,323
<b>Minnesota</b>							
July 1993	67	W	28,278	34,117	62,395	W	63,984
June 1993	32	W	31,995	35,744	67,739	W	68,116
July 1992	27	W	29,673	32,239	61,912	W	63,445
<b>Missouri</b>							
July 1993	143	486	20,315	50,351	70,666	-	71,295
June 1993	69	827	20,396	54,186	74,582	-	75,278
July 1992	29	754	17,979	47,267	65,246	-	66,029

See footnotes at end of table.

**Table 49. Prime Supplier Sales Volumes of Distillate Fuel Oils  
by PAD District and State (Continued)**  
(Thousand Gallons)

Geographic Area Month	Kerosene	No. 1 Distillate	No. 2 Distillate			No. 4 Fuel	Total Distillate and Kerosene
			No. 2 Fuel Oil	No. 2 Diesel	Total		
<b>Nebraska</b>							
July 1993	W	W	11,220	29,860	41,080	-	41,460
June 1993 ..	W	W	13,777	31,219	44,990	-	45,420
July 1992 . ...	W	W	12,801	29,844	42,645	-	42,860
<b>North Dakota</b>							
July 1993	-	220	11,344	7,905	19,249	-	19,469
June 1993 . ..	-	183	12,119	9,124	21,243	-	21,426
July 1992	W	W	10,788	8,989	19,777	-	19,959
<b>Ohio</b>							
July 1993	1,502	W	52,369	78,964	131,333	W	133,340
June 1993	2,005	W	50,050	78,331	129,381	W	131,734
July 1992	1,066	W	43,137	75,215	118,352	W	119,866
<b>Oklahoma</b>							
July 1993 . . .	20	2,026	20,750	56,022	76,772	-	78,818
June 1993 . . .	26	2,365	26,504	57,125	83,629	-	86,020
July 1992 . ....	W	W	38,568	53,916	92,484	-	94,736
<b>South Dakota</b>							
July 1993 .. .	-	313	8,747	9,751	18,498	-	18,811
June 1993 . . .	-	392	9,084	9,469	18,553	-	18,945
July 1992 . . .	W	W	7,848	9,604	17,452	-	17,736
<b>Tennessee</b>							
July 1993	270	W	28,129	72,056	100,185	W	100,930
June 1993 . . .	190	W	31,609	73,525	105,134	W	105,846
July 1992 . . . .	428	W	21,038	70,802	91,840	W	92,645
<b>Wisconsin</b>							
July 1993 . . . . .	211	W	41,674	23,864	65,538	W	66,576
June 1993 . . . . .	W	884	44,381	23,965	68,346	W	69,329
July 1992 . . . . .	W	881	39,846	23,843	63,689	W	64,828
<b>PAD District III Total</b>							
July 1993 . . . . .	1,521	2,200	121,787	556,355	678,142	-	681,863
June 1993 . . . . .	W	2,192	128,780	518,959	643,749	W	647,243
July 1992 . . . . .	W	2,249	167,314	595,820	763,134	W	769,799
<b>Alabama</b>							
July 1993 . . . . .	136	329	W	W	53,733	-	54,198
June 1993 . . . . .	236	235	W	W	54,874	-	55,345
July 1992 . . . . .	131	222	W	W	54,304	-	54,657
<b>Arkansas</b>							
July 1993 . . . . .	W	W	5,829	63,249	69,078	-	69,528
June 1993 . . . . .	W	W	6,500	60,437	66,937	-	67,126
July 1992 . . . . .	W	W	3,881	52,429	56,310	-	56,827
<b>Louisiana</b>							
July 1993 . . . . .	W	W	10,807	109,581	120,488	-	121,233
June 1993 . . . . .	W	W	10,399	106,832	117,231	-	118,007
July 1992 . . . . .	W	W	17,149	131,759	148,908	-	149,537
<b>Mississippi</b>							
July 1993 . . . . .	W	W	18,703	46,142	64,845	-	64,952
June 1993 . . . . .	114	W	22,878	47,902	70,880	W	71,041
July 1992 . . . . .	54	W	19,232	42,146	61,378	W	61,517
<b>New Mexico</b>							
July 1993 . . . . .	94	31	W	W	29,708	-	29,833
June 1993 . . . . .	49	30	W	W	30,839	-	30,918
July 1992 . . . . .	15	80	W	W	32,164	-	32,259
<b>Texas</b>							
July 1993 . . . . .	462	1,369	72,012	288,278	340,290	-	342,121
June 1993 . . . . .	428	1,390	70,844	232,144	302,986	-	304,806
July 1992 . . . . .	3,676	1,456	112,480	297,590	410,070	-	415,202
<b>PAD District IV Total</b>							
July 1993 . . . . .	79	2,260	32,010	115,767	147,777	-	150,118
June 1993 . . . . .	W	W	30,837	116,745	147,582	-	149,829
July 1992 . . . . .	W	W	29,648	111,906	141,554	-	143,669
<b>Colorado</b>							
July 1993 . . . . .	W	W	16,270	28,700	45,970	-	47,026
June 1993 . . . . .	W	W	14,618	31,891	46,507	-	47,504
July 1992 . . . . .	W	W	13,485	29,801	43,286	-	44,436

See footnotes at end of table.

**Table 49. Prime Supplier Sales Volumes of Distillate Fuel Oils  
by PAD District and State (Continued)**  
(Thousand Gallons)

Geographic Area Month	Kerosene	No. 1 Distillate	No. 2 Distillate			No. 4 Fuel	Total Distillate and Kerosene
			No. 2 Fuel Oil	No. 2 Diesel	Total		
<b>Idaho</b>							
July 1993 .. .. .	-	W	W	W	W	-	17,825
June 1993 .. .. .	-	470	W	W	18,160	-	18,630
July 1992 .. .. .	-	432	W	W	18,851	-	19,283
<b>Montana</b>							
July 1993 .. .. .	-	W	W	16,699	W	-	22,566
June 1993 .. .. .	-	250	W	W	21,510	-	21,760
July 1992 .. .. .	-	169	W	W	20,851	-	21,020
<b>Utah</b>							
July 1993 .. .. .	W	W	W	W	32,616	-	32,853
June 1993 .. .. .	W	W	5,088	27,178	32,266	-	32,418
July 1992 .. .. .	W	W	4,711	25,992	30,703	-	30,939
<b>Wyoming</b>							
July 1993 .. .. .	-	129	2,403	27,315	29,718	-	29,847
June 1993 .. .. .	-	178	2,121	27,018	29,139	-	29,317
July 1992 .. .. .	-	149	2,354	25,509	27,863	-	28,012
<b>PAD District V Total</b>							
July 1993 .. .. .	242	W	22,982	469,524	492,507	W	498,641
June 1993 .. .. .	235	4,743	28,576	463,258	491,834	861	497,673
July 1992 .. .. .	298	5,716	38,127	552,222	591,349	1,556	598,919
<b>Alaska</b>							
July 1993 .. .. .	-	2,382	W	10,507	W	W	17,744
June 1993 .. .. .	-	2,549	11,992	W	W	W	21,777
July 1992 .. .. .	-	W	W	W	33,996	W	37,671
<b>Arizona</b>							
July 1993 .. .. .	W	W	W	W	40,648	W	40,702
June 1993 .. .. .	W	W	W	W	42,109	W	42,204
July 1992 .. .. .	-	W	W	32,811	W	-	32,907
<b>California</b>							
July 1993 .. .. .	185	W	W	W	264,318	W	266,121
June 1993 .. .. .	166	W	W	W	265,720	W	267,507
July 1992 .. .. .	W	682	1,415	334,164	335,579	W	337,270
<b>Hawaii</b>							
July 1993 .. .. .	-	W	W	15,546	W	-	16,435
June 1993 .. .. .	-	W	W	15,937	W	-	16,743
July 1992 .. .. .	-	W	W	W	W	-	18,764
<b>Nevada</b>							
July 1993 .. .. .	-	W	W	20,400	W	-	20,778
June 1993 .. .. .	-	W	W	W	21,407	W	21,455
July 1992 .. .. .	-	W	W	19,642	W	-	20,025
<b>Oregon</b>							
July 1993 .. .. .	-	218	7,113	55,281	62,394	-	62,611
June 1993 .. .. .	W	W	6,731	47,221	53,952	-	54,212
July 1992 .. .. .	W	W	5,499	58,224	61,723	-	62,414
<b>Washington</b>							
July 1993 .. .. .	W	559	10,047	63,130	73,177	W	74,250
June 1993 .. .. .	W	W	9,135	64,051	73,186	-	73,775
July 1992 .. .. .	W	404	16,143	72,738	88,881	W	89,868

Dashes (-) = No data reported

W = Withheld to avoid disclosure of individual company data

Note: Values shown for the current month are preliminary. Values shown for previous month are revised. Data are final upon publication in the Petroleum Marketing Annual. Totals may not equal the sum of components due to rounding.

Note: Total Distillate = No. 1 Distillate + No. 2 Distillate + No. 4 Fuel Oil.

Source: Energy Information Administration Form EIA-782C, "Monthly Report of Petroleum Products Sold into States for Consumption"



# **Standard Errors and Survey Response Percentages**



**Table 50. Standard Errors of Total Motor Gasoline Prices<sup>a</sup>  
by Sales Type, PAD District and State  
(Cents per Gallon, Excluding Taxes)**

Geographic Area Month	Refiner/Reseller				Reseller			
	Sales to End Users			Sales for Resale	Sales to End Users			Sales for Resale
	Through Company Outlets	Other End Users	Average		Through Company Outlets	Other End Users	Average	
<b>U.S. Average</b>								
July 1993 .. .	0.1	0.3	0.1	0.1	0.2	0.4	0.2	0.3
June 1993 .. .	.1	.3	.1	.1	.2	.3	.2	.2
<b>PAD District I Average</b>								
July 1993 .. .	.2	.5	.2	.1	.3	.6	.3	.4
June 1993 .. .	.2	.4	.2	.1	.3	.5	.3	.3
<b>Subdistrict IA Average</b>								
July 1993 .. .	.5	.5	.4	.2	.5	.6	.5	.4
June 1993 .. .	.5	.4	.4	.1	.5	.6	.4	.2
<b>Connecticut</b>								
July 1993 .. .	.5	.7	.5	.4	.6	.9	.6	.9
June 1993 .. .	.3	1.1	.4	.1	.3	1.5	.4	.6
<b>Maine</b>								
July 1993 .. .	.1	.9	.2	.2	.1	.9	.2	.5
June 1993 .. .	.2	.7	.2	.1	.2	.8	.2	.2
<b>Massachusetts</b>								
July 1993 .. .	.8	1.0	.7	.2	.9	1.3	.9	.6
June 1993 .. .	.6	.8	.6	.1	.7	.9	.7	.3
<b>New Hampshire</b>								
July 1993 .. .	.7	.3	.6	.3	.8	.3	.7	.6
June 1993 .. .	.8	.4	.7	.2	.9	.4	.9	.4
<b>Rhode Island</b>								
July 1993 .. .	2.1	1.2	1.8	.4	2.5	1.4	2.2	.7
June 1993 .. .	2.2	.5	1.9	.4	2.6	.7	2.4	.5
<b>Vermont</b>								
July 1993 .. .	.5	.6	.5	.2	.5	.6	.5	.3
June 1993 .. .	.3	.5	.3	.2	.3	.5	.3	.2
<b>Subdistrict IB Average</b>								
July 1993 .. .	.4	.7	.3	.2	.6	.8	.5	.6
June 1993 .. .	.4	.6	.4	.1	.7	.7	.6	.3
<b>Delaware</b>								
July 1993 .. .	.6	1.3	.6	.1	.6	1.3	.6	.7
June 1993 .. .	.2	1.1	.2	.1	.2	1.1	.2	.3
<b>District of Columbia</b>								
July 1993 .. .	NA	.5	1.3	.1	NA	.5	1.3	1.5
June 1993 .. .	NA	.3	.1	.1	NA	.3	.1	.1
<b>Maryland</b>								
July 1993 .. .	.6	.7	.4	.1	.6	.7	.5	.5
June 1993 .. .	.4	.4	.3	.1	.4	.4	.3	.5
<b>New Jersey</b>								
July 1993 .. .	.3	.9	.3	.5	.8	1.3	1.0	1.0
June 1993 .. .	.3	.8	.4	.3	.9	1.2	1.0	.4
<b>New York</b>								
July 1993 .. .	.4	1.5	.4	.1	.6	1.6	.7	.6
June 1993 .. .	.3	1.4	.3	.1	.5	1.5	.5	.4
<b>Pennsylvania</b>								
July 1993 .. .	.8	1.2	.7	.3	1.2	1.4	1.0	1.1
June 1993 .. .	.9	.8	.8	.2	1.3	.9	1.1	.7
<b>Subdistrict IC Average</b>								
July 1993 .. .	.3	.8	.3	.2	.5	.9	.4	.7
June 1993 .. .	.3	.7	.2	.1	.4	.8	.4	.6
<b>Florida</b>								
July 1993 .. .	.8	2.1	.8	.4	1.4	2.7	1.3	3.1
June 1993 .. .	.6	1.3	.6	.4	1.1	1.3	1.0	2.8
<b>Georgia</b>								
July 1993 .. .	.4	1.3	.3	.4	.5	1.1	.4	1.3
June 1993 .. .	.3	1.1	.3	.3	.4	.9	.4	1.1
<b>North Carolina</b>								
July 1993 .. .	.6	1.1	.6	.4	.7	1.1	.7	1.1
June 1993 .. .	.6	.9	.5	.3	.7	1.0	.7	.8
<b>South Carolina</b>								
July 1993 .. .	.8	2.0	.7	.3	1.1	2.2	1.0	.7
June 1993 .. .	.6	2.8	.7	.4	.8	3.1	1.0	1.0

See footnotes at end of table.

**Table 50. Standard Errors of Total Motor Gasoline Prices<sup>a</sup>  
by Sales Type, PAD District and State (Continued)**  
(Cents per Gallon, Excluding Taxes)

Geographic Area Month	Refiner/Reseller				Reseller			
	Sales to End Users			Sales for Resale	Sales to End Users			Sales for Resale
	Through Company Outlets	Other End Users	Average		Through Company Outlets	Other End Users	Average	
<b>Virginia</b>								
July 1993	0.4	1.3	0.4	0.1	0.6	1.5	0.6	0.8
June 1993	.5	1.4	.5	.2	.7	1.5	.6	.8
<b>West Virginia</b>								
July 1993	.4	.5	.4	.3	1.0	.9	.9	.9
June 1993	.4	.5	.3	.3	.9	.8	.8	.8
<b>PAD District II Average</b>								
July 1993	.2	.4	.2	.1	.3	.5	.3	.3
June 1993	.1	.3	.1	.1	.2	.4	.2	.3
<b>Illinois</b>								
July 1993	.7	1.1	.6	.2	1.1	1.1	1.0	.8
June 1993	.6	.8	.6	.1	1.0	.9	.9	.4
<b>Indiana</b>								
July 1993	.3	1.1	.3	.6	.6	1.1	.5	1.3
June 1993	.3	.8	.3	.6	.5	.9	.5	1.5
<b>Iowa</b>								
July 1993	.5	1.7	.5	.2	.6	1.7	.6	.5
June 1993	.3	.8	.2	.2	.3	.8	.2	.5
<b>Kansas</b>								
July 1993	.6	1.0	.6	.3	.8	.8	.8	1.2
June 1993	.5	1.2	.4	.2	.6	1.2	.6	.9
<b>Kentucky</b>								
July 1993	1.0	2.2	.9	.4	1.6	2.6	1.4	1.3
June 1993	.6	1.7	.7	.3	1.0	2.1	1.1	1.0
<b>Michigan</b>								
July 1993	.3	1.0	.3	.3	.7	1.3	.7	1.4
June 1993	.3	.8	.3	.2	.8	1.0	.8	.9
<b>Minnesota</b>								
July 1993	.8	1.4	.8	.2	1.6	1.5	1.4	.5
June 1993	.6	.9	.5	.2	1.1	.9	.9	.8
<b>Missouri</b>								
July 1993	.6	1.5	.6	.6	.8	1.6	.8	1.4
June 1993	.4	1.2	.4	.4	.6	1.4	.6	.9
<b>Nebraska</b>								
July 1993	.4	1.3	.5	.2	.6	1.3	.6	.6
June 1993	.5	.8	.5	.3	.5	.8	.5	.8
<b>North Dakota</b>								
July 1993	2.4	2.6	1.7	.3	2.5	2.7	1.7	1.1
June 1993	.9	1.0	.7	.2	.9	1.0	.7	.7
<b>Ohio</b>								
July 1993	.3	1.5	.3	.3	1.2	1.9	1.1	1.5
June 1993	.3	.9	.2	.2	1.0	1.4	.8	.7
<b>Oklahoma</b>								
July 1993	.6	1.3	.5	.3	.9	1.9	.8	1.3
June 1993	.5	1.3	.5	.2	.8	2.0	.7	.7
<b>South Dakota</b>								
July 1993	1.4	3.5	1.8	.5	1.5	3.5	1.8	1.1
June 1993	1.0	2.4	1.0	.5	1.0	2.4	1.0	1.6
<b>Tennessee</b>								
July 1993	.2	1.3	.3	.4	.4	1.5	.6	1.8
June 1993	.2	1.2	.2	.3	.3	1.4	.4	1.2
<b>Wisconsin</b>								
July 1993	.3	1.6	.4	.4	.4	1.7	.5	1.0
June 1993	.3	1.1	.3	.2	.4	1.2	.4	.5
<b>PAD District III Average</b>								
July 1993	.4	1.1	.4	.3	.6	1.2	.6	.8
June 1993	.2	.9	.3	.2	.4	1.0	.4	.7
<b>Alabama</b>								
July 1993	.5	3.0	.7	.5	.6	3.4	.8	1.3
June 1993	.5	2.7	.7	.4	.5	3.0	.8	1.2
<b>Arkansas</b>								
July 1993	.9	2.1	1.0	.4	1.1	2.2	1.2	1.3
June 1993	.8	1.6	.9	.3	.8	1.7	1.1	1.0

See footnotes at end of table.

**Table 50. Standard Errors of Total Motor Gasoline Prices<sup>a</sup>  
by Sales Type, PAD District and State (Continued)**  
(Cents per Gallon, Excluding Taxes)

Geographic Area Month	Refiner/Reseller				Reseller			
	Sales to End Users			Sales for Resale	Sales to End Users			Sales for Resale
	Through Company Outlets	Other End Users	Average		Through Company Outlets	Other End Users	Average	
<b>Louisiana</b>								
July 1993	0.9	1.6	0.9	0.5	1.3	1.6	1.3	1.4
June 1993	1.4	1.4	1.3	4	2.1	1.5	1.9	1.2
<b>Mississippi</b>								
July 1993	1.2	1.9	1.1	4	1.3	2.0	1.2	1.4
June 1993	.9	1.5	.8	4	.9	1.5	.8	1.3
<b>New Mexico</b>								
July 1993	.9	1.0	.9	.3	1.3	1.1	1.2	1.3
June 1993	.9	.9	.8	4	1.2	1.1	1.1	1.1
<b>Texas</b>								
July 1993	6	2.3	.6	5	1.2	2.7	1.1	1.3
June 1993	2	1.8	.2	.3	5	2.0	5	1.0
<b>PAD District IV Average</b>								
July 1993	3	.9	.3	2	5	.9	.4	6
June 1993	2	.7	2	2	3	.7	.3	6
<b>Colorado</b>								
July 1993	3	2.1	3	3	8	2.1	7	1.0
June 1993	3	1.9	3	3	7	1.9	7	1.0
<b>Idaho</b>								
July 1993	7	1.1	6	5	7	1.1	6	1.0
June 1993	5	.6	4	2	5	.6	4	5
<b>Montana</b>								
July 1993	3	1.1	.3	1	3	1.1	3	5
June 1993	4	1.0	.4	2	4	1.0	5	7
<b>Utah</b>								
July 1993	8	.8	.7	2	1.1	1.2	1.0	.7
June 1993	.6	.8	.7	3	.9	1.3	1.0	.8
<b>Wyoming</b>								
July 1993	2.0	2.4	1.9	3	2.4	2.5	2.2	1.6
June 1993	.7	2.0	.8	5	.9	2.0	.9	1.3
<b>PAD District V Average</b>								
July 1993	3	1.4	4	.3	.5	1.7	.8	1.2
June 1993	2	1.4	3	2	.6	1.7	.8	.9
<b>Alaska</b>								
July 1993	7.7	NA	5.9	7	5.0	4.1	2.6	1.9
June 1993	7	1.6	.7	6	3.1	4.3	2.5	1.6
<b>Arizona</b>								
July 1993	2	1.7	4	.4	4	2.0	.6	1.7
June 1993	3	.6	3	.3	5	.7	.7	1.5
<b>California</b>								
July 1993	.4	2.0	.6	4	1.1	2.4	1.6	1.7
June 1993	.3	2.1	.5	3	1.3	2.4	1.5	1.2
<b>Hawaii</b>								
July 1993	1	3.1	4	.1	1	4.1	.2	2.2
June 1993	.1	2.9	.4	1	.1	3.9	3	2.2
<b>Nevada</b>								
July 1993	.5	1.7	.8	4	.7	1.8	1.0	1.4
June 1993	4	1.2	.5	.4	.6	1.5	.8	1.6
<b>Oregon</b>								
July 1993	.9	1.8	.6	5	1.4	2.0	.8	2.4
June 1993	9	1.1	.7	4	1.3	1.2	.9	2.1
<b>Washington</b>								
July 1993	.7	1.3	.6	.2	1.8	1.4	1.4	1.2
June 1993	.5	.9	.5	.2	1.3	1.0	1.0	1.5

<sup>a</sup> Sales prices shown in Tables 28, 29 and 30.

NA = Not available.

Note: Values shown for the current month are preliminary. Values shown for previous month are revised. Data are final upon publication in the Petroleum Marketing Annual. Standard errors are not additive. Standard errors that are less than 0.1 and greater than zero are displayed as 0.1.

Sources: Energy Information Administration Form EIA-782A, "Refiners/Gas Plant Operators' Monthly Petroleum Product Sales Report," and EIA-782B, "Reseller/Retailers' Monthly Petroleum Product Sales Report."

**Table 51. Standard Errors of Motor Gasoline Prices<sup>a</sup> by Grade,  
PAD District, and State**  
(Cents per Gallon, Excluding Taxes)

Geographic Area Month	Refiner/Reseller											
	Leaded Regular			Unleaded Regular			Unleaded Midgrade			Premium		
	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale
	Through Company Outlets	Other End Users		Through Company Outlets	Other End Users		Through Company Outlets	Other End Users		Through Company Outlets	Other End Users	
<b>U.S. Average</b>												
July 1993	0.4	0.6	0.2	0.1	0.3	0.1	0.1	0.5	0.1	0.1	0.5	0.1
June 1993	3	6	.1	1	3	1	.1	.4	1	1	.4	1
<b>PAD District I Average</b>												
July 1993	1.9	2.0	NA	2	.4	1	2	6	.1	3	1.0	2
June 1993	1.6	2.2	3.7	2	4	.1	2	5	1	3	7	1
<b>Subdistrict IA Average</b>												
July 1993	-	NA	NA	4	4	1	7	6	1	8	9	2
June 1993	-	NA	NA	4	4	1	8	.6	.1	8	6	1
<b>Connecticut</b>												
July 1993	-	-	-	5	3	4	6	1.0	.2	7	1.8	.2
June 1993	-	-	-	2	9	1	3	1.2	.1	4	1.0	.2
<b>Maine</b>												
July 1993	-	-	-	1	9	2	2	1.1	.3	2	1.8	.3
June 1993	-	-	-	3	6	.1	6	1.4	2	.2	1.4	.2
<b>Massachusetts</b>												
July 1993	-	-	-	8	8	.2	10	1.0	2	.8	1.8	3
June 1993	-	-	-	6	6	1	8	1.0	1	6	1.4	2
<b>New Hampshire</b>												
July 1993	-	-	-	.8	.9	3	4	1	7	1.6	8	.5
June 1993	-	-	-	.9	4	2	5	.6	5	2.1	1.1	.4
<b>Rhode Island</b>												
July 1993	-	NA	-	1.8	.7	3	3.3	5	3	3.1	3.9	.5
June 1993	-	NA	-	1.8	.7	3	3.7	3	3	3.4	.4	6
<b>Vermont</b>												
July 1993	-	NA	NA	3	.9	2	2	5	2	7	9	.2
June 1993	-	NA	NA	4	.7	2	2	3	2	5	1.2	.3
<b>Subdistrict IB Average</b>												
July 1993	1.4	2.2	5.6	4	.5	1	.4	7	1	4	1.1	3
June 1993	2.1	2.3	3.7	4	.5	.1	6	6	1	.4	1.0	.2
<b>Delaware</b>												
July 1993	-	-	-	5	1.0	1	8	1.0	1	6	2.5	.1
June 1993	-	-	-	.1	.7	1	.1	1.0	1	.2	2.3	.1
<b>District of Columbia</b>												
July 1993	-	-	-	NA	.8	.2	NA	3	1	NA	3	1
June 1993	-	-	-	NA	.3	.1	NA	0	1	NA	4	.1
<b>Maryland</b>												
July 1993	-	-	-	4	.6	.1	8	1.2	1	1.0	1.5	1
June 1993	-	NA	-	3	.2	1	6	1.3	.1	.6	1.0	1
<b>New Jersey</b>												
July 1993	-	NA	NA	.2	7	3	.2	1.8	3	3	1.0	1.1
June 1993	-	NA	NA	.3	6	2	.2	1.6	2	.3	1.0	7
<b>New York</b>												
July 1993	4	1.9	5.2	.5	1.1	1	5	1.7	.2	.5	2.7	.2
June 1993	3	1.3	4.2	.3	1.1	.1	.4	1.4	.1	5	2.0	.2
<b>Pennsylvania</b>												
July 1993	NA	1.9	4	7	1.0	.3	7	1.3	.3	9	1.7	.2
June 1993	NA	2.3	0	.8	.7	.2	1.0	.8	.3	.8	1.0	2
<b>Subdistrict IC Average</b>												
July 1993	NA	NA	-	3	.7	.2	.3	1.1	2	4	1.7	.2
June 1993	.0	NA	-	2	8	.1	3	9	2	.4	1.1	.2
<b>Florida</b>												
July 1993	-	-	-	.8	1.8	5	6	2.3	.4	.6	4.8	.3
June 1993	-	-	-	.6	1.5	.3	.5	1.2	.4	5	2.3	.3
<b>Georgia</b>												
July 1993	NA	-	-	2	1.3	.3	.6	1.9	6	1.2	3.2	.4
June 1993	.0	-	-	.3	.8	3	5	1.7	4	1.1	2.5	.3
<b>North Carolina</b>												
July 1993	-	NA	-	4	1.0	.3	.6	1.5	5	.8	2.1	.5
June 1993	-	NA	-	.4	8	.3	.6	1.4	4	8	1.3	.4

See footnotes at end of table.

**Table 51. Standard Errors of Motor Gasoline Prices<sup>a</sup> by Grade,  
PAD District, and State (Continued)**  
(Cents per Gallon, Excluding Taxes)

Geographic Area Month	Refiner/Reseller											
	Leaded Regular			Unleaded Regular			Unleaded Midgrade			Premium		
	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale
	Through Company Outlets	Other End Users		Through Company Outlets	Other End Users		Through Company Outlets	Other End Users		Through Company Outlets	Other End Users	
<b>South Carolina</b>												
July 1993 .....	-	-	-	0.6	1.0	0.3	0.7	1.9	0.3	1.4	3.1	0.3
June 1993 .....	-	-	-	5	3.9	4	.6	2.0	4	1.0	2.2	4
<b>Virginia</b>												
July 1993 .....	-	-	-	3	6	2	4	2.4	.2	.5	1.4	2
June 1993 .....	-	-	-	4	6	1	.5	2.6	2	.5	1.5	.2
<b>West Virginia</b>												
July 1993 .....	-	NA	-	4	5	3	.4	7	.4	.6	.8	5
June 1993 .....	-	NA	-	3	4	3	.4	6	4	.6	.8	.4
<b>PAD District II Average</b>												
July 1993 .....	0.9	0.7	0.4	2	.4	.1	2	9	.1	2	8	1
June 1993 .....	5	1.2	.4	.2	.3	.1	2	8	.1	.2	6	1
<b>Illinois</b>												
July 1993 .....	7	4.5	.5	.8	1.0	.2	8	1.2	3	.7	1.9	2
June 1993 .....	6	2.8	.6	.8	8	.1	6	1.4	2	.6	1.4	2
<b>Indiana</b>												
July 1993 .....	2.1	9	1.2	.3	1.2	.6	.4	1.8	.7	.5	2.4	5
June 1993 .....	1.0	8	1.1	3	8	6	.4	.9	.7	.5	1.0	.5
<b>Iowa</b>												
July 1993 .....	1.1	.4	2.2	5	1.9	1	1.0	.9	.7	1.0	2.0	3
June 1993 .....	1.4	1.3	1.1	3	.9	1	.6	2.2	1.1	.4	1.5	.1
<b>Kansas</b>												
July 1993 .....	1.1	NA	.5	.6	1.0	.3	1.0	2.5	8	1.1	1.8	5
June 1993 .....	1.1	NA	2.8	.4	.7	.2	.7	2.0	.8	.8	1.4	4
<b>Kentucky</b>												
July 1993 .....	NA	NA	NA	.8	2.1	.3	1.4	2.0	.4	1.2	2.9	5
June 1993 .....	NA	NA	NA	5	1.6	.3	8	1.9	.4	8	2.5	.4
<b>Michigan</b>												
July 1993 .....	2.3	1.4	.7	.3	1.1	2	3	1.5	.2	6	.8	3
June 1993 .....	1.8	1.3	7	.3	.7	.2	.4	1.2	.4	.5	.7	3
<b>Minnesota</b>												
July 1993 .....	8	5.5	4	8	1.2	.2	1.3	2.9	.6	1.1	3.9	.3
June 1993 .....	6	2.5	.9	6	9	.2	1.0	1.3	1.1	.7	2.5	4
<b>Missouri</b>												
July 1993 .....	3.2	1.1	1.2	.6	1.4	6	8	2.8	.9	.5	2.4	.5
June 1993 .....	3.3	1.8	1.5	.4	1.0	4	.6	3.0	.6	.4	2.3	.3
<b>Nebraska</b>												
July 1993 .....	1.9	1.2	.2	5	1.5	.2	NA	2.1	.7	4	1.0	1
June 1993 .....	1.1	4	.4	5	1.1	.3	.3	1.2	.8	7	2.3	1
<b>North Dakota</b>												
July 1993 .....	1.5	.8	2.2	2.5	2.4	4	1.6	NA	2	1.2	2.6	.4
June 1993 .....	1.5	1.7	.9	9	.9	.2	1.3	2.1	.1	1.8	2.4	2.6
<b>Ohio</b>												
July 1993 .....	2.9	NA	NA	.3	1.1	.2	3	2.6	.5	4	1.9	.2
June 1993 .....	1.0	NA	NA	.2	.8	.2	2	2.2	3	.4	1.0	.1
<b>Oklahoma</b>												
July 1993 .....	2	-	NA	.6	1.5	.2	.6	2.5	.8	.9	1.7	6
June 1993 .....	.2	-	.0	.5	1.3	.2	.5	2.8	.4	1.0	1.9	2
<b>South Dakota</b>												
July 1993 .....	.5	1.7	5	1.4	3.0	4	4.3	1.3	.7	1.3	.4	.7
June 1993 .....	5	1.7	4	1.0	2.7	.4	3.0	2.0	.9	1.5	.3	.6
<b>Tennessee</b>												
July 1993 .....	NA	-	-	.2	1.0	2	2	1.3	.6	.3	2.0	6
June 1993 .....	NA	-	-	.2	1.0	.2	.2	1.4	4	.3	2.0	.5
<b>Wisconsin</b>												
July 1993 .....	.7	1.8	1.5	.4	1.5	.4	.5	2.8	.4	.4	2.7	.6
June 1993 .....	7	1.6	1.1	.3	1.0	2	.6	3.3	.2	.4	1.3	.2
<b>PAD District III Average</b>												
July 1993 .....	1.4	1.9	.4	.4	1.3	.2	.4	1.7	4	.3	1.2	.3
June 1993 .....	8	1.9	.5	.2	1.1	.2	2	1.3	.4	.3	1.1	.3

See footnotes at end of table.

**Table 51. Standard Errors of Motor Gasoline Prices<sup>a</sup> by Grade,  
PAD District, and State (Continued)**  
(Cents per Gallon, Excluding Taxes)

Geographic Area Month	Refiner/Reseller											
	Leaded Regular			Unleaded Regular			Unleaded Midgrade			Premium		
	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale	Sales to End Users		Sales for Resale
	Through Company Outlets	Other End Users		Through Company Outlets	Other End Users		Through Company Outlets	Other End Users		Through Company Outlets	Other End Users	
<b>Alabama</b>												
July 1993	NA	-	-	0.4	1.6	0.5	0.5	6.4	0.5	0.6	4.2	0.7
June 1993	NA	-	-	.3	1.7	.4	.5	5.2	.5	.4	3.6	.6
<b>Arkansas</b>												
July 1993	NA	-	NA	7	2.1	.4	1.3	2.1	8	1.0	2.3	5
June 1993	NA	-	NA	5	1.5	.3	.9	1.8	6	.8	2.0	4
<b>Louisiana</b>												
July 1993	2.2	-	-	6	1.5	.4	.8	2.7	5	1.0	1.8	.5
June 1993	1.6	-	-	6	1.2	.3	.9	2.3	4	1.8	2.1	.5
<b>Mississippi</b>												
July 1993	NA	-	-	1.0	1.7	.3	1.2	3.3	6	1.3	2.9	6
June 1993	NA	-	-	.7	1.4	.3	.9	2.3	5	1.0	1.9	5
<b>New Mexico</b>												
July 1993	1.0	2.2	0.5	1.0	1.0	.3	.6	NA	6	1.6	.6	4
June 1993	.9	2.6	.6	.9	.9	.4	.5	.2	3	1.5	.5	7
<b>Texas</b>												
July 1993	1.3	3.0	.4	.7	2.9	.4	.5	1.8	7	.4	1.8	6
June 1993	.5	.8	.2	.3	2.1	.3	.2	1.4	6	.2	2.0	5
<b>PAD District IV Average</b>												
July 1993	4	1.2	.2	3	.9	2	.2	1.4	3	.3	1.4	.2
June 1993	2	.9	.2	2	.7	2	.2	2.4	3	.2	1.1	.1
<b>Colorado</b>												
July 1993	8	2.2	.6	3	1.9	.3	.2	.9	.4	.3	3.1	.3
June 1993	5	2.5	.9	3	1.8	.3	.2	1.4	.4	.2	2.2	.2
<b>Idaho</b>												
July 1993	5	1.0	.5	.6	1.2	.5	.5	-	5	1.4	1.3	.4
June 1993	.3	.6	.2	.5	.8	.2	.4	-	NA	1.0	.5	.1
<b>Montana</b>												
July 1993	4	.7	.2	.3	1.4	.1	NA	NA	-	.3	1.2	.1
June 1993	5	1.1	.2	.4	1.1	.2	NA	NA	NA	.6	.9	.1
<b>Utah</b>												
July 1993	7	1.7	.3	.9	.8	.2	.6	-	.1	.8	1.2	.1
June 1993	6	1.8	.3	.7	.9	.3	.5	NA	.3	.7	.7	.3
<b>Wyoming</b>												
July 1993	1.1	4.6	.1	2.4	2.3	.3	1.7	NA	NA	.8	NA	.4
June 1993	.4	2.5	.2	.8	2.0	.7	1.4	NA	NA	.5	2.6	.5
<b>PAD District V Average</b>												
July 1993	.6	1.0	.2	.4	1.5	.3	.6	1.7	.3	.3	1.6	.2
June 1993	.4	.7	.2	.2	1.5	.2	.4	1.7	.2	.1	1.7	.2
<b>Alaska</b>												
July 1993	2.8	5.2	.9	7.8	NA	.7	-	NA	NA	7.2	5.7	5
June 1993	0	1.4	.1	.8	1.7	.7	-	NA	NA	6	4.3	.3
<b>Arizona</b>												
July 1993	4	3.1	.4	.3	1.8	.4	3.3	2.1	.6	.4	1.1	.4
June 1993	3	1.2	.3	.4	.7	.3	3.2	.4	.8	.5	1.1	.3
<b>California</b>												
July 1993	NA	-	.1	.3	2.0	.4	.8	1.9	.3	.3	2.0	.3
June 1993	NA	-	.1	.3	2.1	.3	.4	1.8	.2	.2	2.1	.2
<b>Hawaii</b>												
July 1993	-	-	-	.1	3.1	.2	.0	1.6	.1	.1	4.1	.1
June 1993	-	-	-	.1	3.0	.2	.1	2.5	.1	.1	4.0	.1
<b>Nevada</b>												
July 1993	3.5	4.4	.1	.5	1.9	.3	.1	1.1	.3	.3	2.0	.3
June 1993	3.2	6.2	.1	.4	1.2	.4	.1	1.9	.4	.3	1.3	.2
<b>Oregon</b>												
July 1993	.9	1.5	.5	1.0	2.1	.6	NA	-	-	.9	1.6	.3
June 1993	.8	1.0	.4	.9	1.1	.5	NA	-	-	1.2	1.1	.3
<b>Washington</b>												
July 1993	.9	1.7	.2	.6	1.3	.2	.0	NA	.0	.4	1.9	.2
June 1993	.7	1.3	.2	.4	1.1	.2	.0	.3	.0	.3	3.2	.2

<sup>a</sup> Sales prices shown in Tables 28 and 29.

Dashes (-) = No data reported.

NA = Not available.

Note: Values shown for the current month are preliminary. Values shown for previous month are revised. Data are final upon publication in the Petroleum Marketing Annual. Standard errors are not additive. Standard errors that are less than 0.1 and greater than zero are displayed as 0.1.



**Table 52. Standard Errors of No. 2 Distillate Prices<sup>a</sup> by Sales Type,  
PAD District, and Selected States**  
(Cents per Gallon, Excluding Taxes)

Geographic Area Month	Sales to End Users						Sales for Resale
	To Residential Consumers <sup>b</sup>	To Commercial/ Institutional Consumers	To Industrial Consumers	Sales Through Company Outlets <sup>c</sup>	To Other End Users	Average	
<b>U.S. Average</b>							
July 1993 ... ..	0.7	0.3	0.6	0.3	0.4	0.2	0.1
June 1993 ... ..	.6	.2	.5	.3	.4	.2	.1
<b>PAD District I Average</b>							
July 1993 ... ..	.8	.4	.7	.6	.6	.3	.1
June 1993 ... ..	.7	.3	.7	.6	.7	.3	.1
<b>Subdistrict IA Average</b>							
July 1993 ... ..	.9	.6	1.1	.4	.9	.7	.1
June 1993 ... ..	.8	.6	.9	.3	.8	.7	.1
<b>Connecticut</b>							
July 1993 ... ..	1.9	1.1	2.0	1.0	2.0	1.3	.3
June 1993 ... ..	2.0	.9	2.2	1.1	1.9	1.4	.4
<b>Maine</b>							
July 1993 ... ..	1.0	.5	3.8	.6	1.7	.7	.3
June 1993 ... ..	.8	.5	2.8	.3	1.4	.5	.2
<b>Massachusetts</b>							
July 1993 ... ..	1.6	1.3	1.9	1.3	.8	1.6	.1
June 1993 ... ..	1.4	1.2	1.4	.7	1.1	1.6	.1
<b>New Hampshire</b>							
July 1993 ... ..	.8	.9	1.6	.8	4.6	.8	.4
June 1993 ... ..	1.0	.8	1.3	.9	3.8	.9	.3
<b>Rhode Island</b>							
July 1993 ... ..	3.1	.8	1.2	1.2	.5	1.8	.1
June 1993 ... ..	2.8	1.2	.8	.8	.5	1.6	.1
<b>Vermont</b>							
July 1993 ... ..	.6	.5	1.2	.4	1.7	.7	.1
June 1993 ... ..	1.0	.5	1.1	.5	1.9	1.1	.1
<b>Subdistrict IB Average</b>							
July 1993 ... ..	1.4	.6	1.3	.5	.9	.5	.1
June 1993 ... ..	1.2	.5	1.3	.5	.8	.5	.1
<b>Delaware</b>							
July 1993 ... ..	2.5	.8	1.4	.9	2.1	.8	.2
June 1993 ... ..	.7	.4	.4	1.2	1.5	.5	.1
<b>District of Columbia</b>							
July 1993 ... ..	2.0	1.2	NA	NA	3.6	1.5	.0
June 1993 ... ..	.9	.3	NA	NA	.0	.2	.0
<b>Maryland</b>							
July 1993 ... ..	1.0	.8	1.4	.8	2.2	.9	.2
June 1993 ... ..	.9	.7	1.4	.8	2.2	.9	.2
<b>New Jersey</b>							
July 1993 ... ..	2.4	.9	3.4	1.2	3.2	1.0	.1
June 1993 ... ..	1.4	1.1	2.2	1.5	2.1	.7	.1
<b>New York</b>							
July 1993 ... ..	2.8	1.7	2.6	1.1	1.0	1.4	.1
June 1993 ... ..	2.2	1.2	3.6	1.3	1.0	1.4	.1
<b>Pennsylvania</b>							
July 1993 ... ..	.7	.5	1.7	.4	1.9	.5	.2
June 1993 ... ..	.8	.5	1.5	.4	1.6	.5	.2
<b>Subdistrict IC Average</b>							
July 1993 ... ..	1.1	.5	.8	1.1	.9	.5	.1
June 1993 ... ..	1.5	.5	.9	1.0	1.0	.5	.1
<b>Virginia</b>							
July 1993 ... ..	1.2	1.3	2.2	.5	1.4	.7	.1
June 1993 ... ..	1.2	1.2	2.1	.5	1.7	.8	.1
<b>West Virginia</b>							
July 1993 ... ..	2.2	.4	.7	1.4	1.0	.3	.4
June 1993 ... ..	2.2	.2	.7	1.3	.9	.3	.3
<b>PAD District II Average</b>							
July 1993 ... ..	1.3	.4	.9	.3	.7	.4	.1
June 1993 ... ..	.7	.3	.7	.4	.5	.3	.1
<b>Illinois</b>							
July 1993 ... ..	1.7	1.2	2.9	.5	1.6	1.4	.2
June 1993 ... ..	1.7	.8	3.0	.4	1.6	1.2	.2

See footnotes at end of table.

**Table 52. Standard Errors of No. 2 Distillate Prices<sup>a</sup> by Sales Type, PAD District, and Selected States (Continued)**  
(Cents per Gallon, Excluding Taxes)

Geographic Area Month	Sales to End Users						Sales for Resale
	To Residential Consumers <sup>b</sup>	To Commercial/ Institutional Consumers	To Industrial Consumers	Sales Through Company Outlets <sup>c</sup>	To Other End Users	Average	
<b>Indiana</b>							
July 1993 .. ...	1.8	0.5	1.1	0.7	1.5	0.8	0.3
June 1993 .. ...	1.3	.4	.9	.2	1.7	.4	.1
<b>Michigan</b>							
July 1993 . . . .	2.0	1.2	2.2	1.6	2.8	1.4	.5
June 1993 . . . .	2.2	1.3	1.8	.9	1.7	1.1	.4
<b>Minnesota</b>							
July 1993 ... ..	1.7	1.3	2.0	1.0	1.2	1.0	.5
June 1993 ... ..	1.4	1.0	2.1	1.0	1.7	.7	.2
<b>Ohio</b>							
July 1993 . . . .	2.3	1.5	1.4	.3	2.1	.7	.4
June 1993 . . . .	1.0	.8	1.0	.2	1.9	.4	.2
<b>Wisconsin</b>							
July 1993 .... .	4.7	2.1	2.1	1.0	1.8	1.0	.2
June 1993 .... .	1.9	1.6	2.1	1.1	1.5	.8	.2
<b>PAD District III Average</b>							
July 1993 . . . .	3.4	.4	.8	.8	1.2	.5	.1
June 1993 . . . .	2.7	.4	.9	.6	1.1	.5	.1
<b>PAD District IV Average</b>							
July 1993 ..... .	.9	1.1	.9	.8	1.4	.8	.1
June 1993 ..... .	1.3	1.1	.8	1.1	.9	.8	.1
<b>Idaho</b>							
July 1993 . . . .	1.2	1.2	2.5	3.0	1.4	1.4	.1
June 1993 . . . .	1.0	1.2	1.6	2.9	1.1	1.2	.1
<b>PAD District V Average</b>							
July 1993 . . . .	2.2	.9	1.3	.7	1.0	.6	.2
June 1993 ..... .	1.6	.6	1.2	.6	1.0	.5	.2
<b>Alaska</b>							
July 1993 . . . .	3.7	3.8	6.4	3.2	4.9	4.5	.8
June 1993 . . . .	2.6	1.8	3.4	1.1	4.3	1.6	.1
<b>Oregon</b>							
July 1993 ... ..	1.6	1.5	2.1	2.3	2.3	.9	.4
June 1993 ..... .	1.5	1.4	4.3	1.9	2.0	.8	.3
<b>Washington</b>							
July 1993 ..... .	1.5	1.7	3.1	2.0	2.3	1.4	.2
June 1993 ..... .	2.3	1.5	2.0	1.6	2.1	1.2	.1

<sup>a</sup> Sales prices shown in Table 38

<sup>b</sup> No. 2 fuel oil only.

<sup>c</sup> No. 2 diesel fuel only

Dashes (-) = No data reported.

NA = Not available

Note: Values shown for the current month are preliminary. Values shown for previous month are revised. Data are final upon publication in the Petroleum Marketing Annual. Standard errors are not additive. Standard errors that are less than 0.1 and greater than zero are displayed as 0.1

Sources: Energy Information Administration Form EIA-782A, "Refiners/Gas Plant Operators' Monthly Petroleum Product Sales Report," and EIA-782B, "Reseller/Retailers' Monthly Petroleum Product Sales Report."

**Table 53. Standard Errors of No. 2 Fuel Oil Prices,<sup>a</sup> by Sales Type, PAD District, and Selected States**  
(Cents per Gallon, Excluding Taxes)

Geographic Area Month	Sales to End Users					Sales for Resale
	To Residential Consumers	To Commercial/ Institutional Consumers	To Industrial Consumers	To Other End Users	Average	
<b>U.S. Average</b>						
July 1993	0.7	0.9	1.4	0.8	0.6	0.1
June 1993	.6	.5	.9	.5	.5	.1
<b>PAD District I Average</b>						
July 1993	.8	1.2	.6	1.0	.6	.1
June 1993	.7	.8	.8	.7	.6	.1
<b>Subdistrict IA Average</b>						
July 1993	.9	1.0	.7	.7	.9	.1
June 1993	.8	.8	.7	.5	.8	.1
<b>Connecticut</b>						
July 1993	1.9	2.0	1.6	4.5	1.6	.4
June 1993	2.0	1.4	1.5	3.8	1.7	.5
<b>Maine</b>						
July 1993	1.0	.6	1.0	NA	.8	.2
June 1993	.8	.8	1.3	NA	.7	.2
<b>Massachusetts</b>						
July 1993	1.6	2.0	1.6	.8	2.0	.1
June 1993	1.4	1.7	.8	.5	1.6	.1
<b>New Hampshire</b>						
July 1993	.8	.9	2.6	NA	1.0	.1
June 1993	1.0	1.4	1.6	NA	1.1	.1
<b>Rhode Island</b>						
July 1993	3.1	1.8	3.2	NA	2.6	.1
June 1993	2.8	2.0	2.9	.1	2.3	.1
<b>Vermont</b>						
July 1993	.6	.6	.6	NA	.8	.1
June 1993	1.0	.8	.6	NA	1.2	.1
<b>Subdistrict IB Average</b>						
July 1993	1.4	2.8	.6	.7	1.1	.1
June 1993	1.2	1.6	.8	.6	1.1	.1
<b>Delaware</b>						
July 1993	2.5	1.1	NA	.3	2.3	.2
June 1993	.7	.8	1.1	NA	.4	.1
<b>District of Columbia</b>						
July 1993	2.0	1.3	NA	NA	2.2	.0
June 1993	.9	.4	-	NA	.3	.0
<b>Maryland</b>						
July 1993	1.0	1.4	1.8	.5	1.2	.1
June 1993	.9	1.6	1.8	.2	1.2	.1
<b>New Jersey</b>						
July 1993	2.4	1.1	1.3	NA	2.2	.1
June 1993	1.4	1.0	.2	1.6	1.5	.1
<b>New York</b>						
July 1993	2.9	5.1	.5	.4	2.2	.1
June 1993	2.2	3.1	.6	.3	2.2	.1
<b>Pennsylvania</b>						
July 1993	.7	1.5	1.4	1.5	.9	.1
June 1993	.8	1.0	2.1	1.9	.7	.1
<b>Subdistrict IC Average</b>						
July 1993	1.1	1.8	1.8	1.8	1.0	.1
June 1993	1.5	1.2	2.2	1.4	1.0	.1
<b>Virginia</b>						
July 1993	1.2	.7	5.7	1.5	1.5	.1
June 1993	1.2	1.1	6.8	2.6	2.1	.1
<b>West Virginia</b>						
July 1993	2.2	1.8	2.2	.7	1.2	.1
June 1993	2.2	.6	.8	1.0	1.4	.1
<b>AD District II Average</b>						
July 1993	1.3	1.5	.6	1.7	.9	.1
June 1993	.7	.9	.5	1.0	.6	.1
<b>Illinois</b>						
July 1993	1.7	1.8	1.8	1.5	1.6	.1
June 1993	1.7	1.2	.8	1.6	1.2	.2

<sup>a</sup> See footnotes at end of table.

**Table 53. Standard Errors of No. 2 Fuel Oil Prices,<sup>a</sup> by Sales Type,  
PAD District, and Selected States (Continued)**  
(Cents per Gallon, Excluding Taxes)

Geographic Area Month	Sales to End Users					Sales for Resale
	To Residential Consumers	To Commercial/ Institutional Consumers	To Industrial Consumers	To Other End Users	Average	
<b>Indiana</b>						
July 1993	1.8	NA	1.0	4.3	1.6	0.1
June 1993	1.3	NA	.3	3.9	.8	.1
<b>Michigan</b>						
July 1993	2.0	0.8	1.8	3.5	1.5	.3
June 1993	2.2	.7	1.5	3.3	1.7	.2
<b>Minnesota</b>						
July 1993	1.7	2.6	.4	.7	2.9	.1
June 1993	1.4	3.4	.8	.7	2.7	.1
<b>Ohio</b>						
July 1993	2.3	4.3	.9	1.4	2.1	.1
June 1993	1.0	2.8	.7	.8	1.2	.1
<b>Wisconsin</b>						
July 1993	4.7	2.5	1.6	NA	4.1	.2
June 1993	1.9	1.1	2.6	2.4	1.6	.3
<b>PAD District III Average</b>						
July 1993	3.4	.1	.7	NA	.7	.1
June 1993	2.7	.4	1.7	NA	1.0	.1
<b>PAD District IV Average</b>						
July 1993	.9	2.2	NA	NA	1.7	.1
June 1993	1.3	2.4	NA	NA	1.9	.1
<b>Idaho</b>						
July 1993	1.2	2.2	-	NA	1.2	.1
June 1993	1.0	2.6	-	NA	.8	.1
<b>PAD District V Average</b>						
July 1993	2.2	2.2	NA	2.5	4.5	.2
June 1993	1.6	2.3	8.2	.5	1.3	.2
<b>Alaska</b>						
July 1993	3.7	4.0	NA	NA	7.8	.5
June 1993	2.6	4.5	7.7	NA	2.4	.1
<b>Oregon</b>						
July 1993	1.6	5.6	NA	NA	2.1	.1
June 1993	1.5	5.5	NA	NA	2.5	.1
<b>Washington</b>						
July 1993	1.5	1.4	1.6	1.5	3.0	.1
June 1993	2.3	1.1	.3	.4	1.8	.1

<sup>a</sup> Sales prices shown in Table 39.

Dashes (-) = No data reported

NA = Not available

Note. Values shown for the current month are preliminary. Values shown for previous month are revised. Data are final upon publication in the Petroleum Marketing Annual. Standard errors are not additive. Standard errors that are less than 0.1 and greater than zero are displayed as 0.1.

Sources: Energy Information Administration Form EIA-782A, "Refiners/Gas Plant Operators' Monthly Petroleum Product Sales Report," and EIA-782B, "Reseller/Retailers' Monthly Petroleum Product Sales Report."

**Table 54. Standard Errors of Residual Fuel Oil Prices,<sup>a</sup> by PAD District and Selected States**  
(Cents per Gallon, Excluding Taxes)

Geographic Area Month	Residual Fuel Oil Sulfur Content Less Than or Equal to 1 Percent		Residual Fuel Oil Sulfur Content Greater Than 1 Percent		Average	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
<b>U.S. Average</b>						
July 1993 . . . .	0.6	0.3	0.1	0.1	0.2	0.1
June 1993 . . . .	.4	.1	.1	.1	.1	.1
<b>PAD District I Average</b>						
July 1993 . . . .	.3	.1	.2	.0	.2	.1
June 1993 . . . .	.3	.1	.1	.0	.1	.1
<b>Subdistrict IA Average</b>						
July 1993 . . . .	.1	.0	.4	NA	.2	.0
June 1993 . . . .	.0	.0	.1	NA	.1	.0
<b>Connecticut</b>						
July 1993 . . . .	.1	NA	NA	-	.1	NA
June 1993 . . . .	.0	NA	NA	-	.2	NA
<b>Maine</b>						
July 1993 . . . .	.0	NA	.0	NA	.0	NA
June 1993 . . . .	.0	NA	.0	NA	.0	NA
<b>Massachusetts</b>						
July 1993 . . . .	.1	.0	.6	NA	.4	.0
June 1993 . . . .	.0	.0	.1	NA	.1	.0
<b>New Hampshire</b>						
July 1993 . . . .	.2	-	1.0	-	1.2	-
June 1993 . . . .	NA	-	.0	-	.0	-
<b>Rhode Island</b>						
July 1993 . . . .	.3	NA	-	-	.3	NA
June 1993 . . . .	.0	NA	-	-	.0	NA
<b>Subdistrict IB Average</b>						
July 1993 . . . .	.6	.1	.4	.0	.4	.1
June 1993 . . . .	.5	.1	.1	.0	.3	.1
<b>Delaware</b>						
July 1993 . . . .	.1	NA	.1	NA	.1	NA
June 1993 . . . .	.1	NA	.3	NA	.1	.0
<b>Maryland</b>						
July 1993 . . . .	NA	NA	.4	NA	.1	NA
June 1993 . . . .	NA	NA	.5	NA	.2	.1
<b>New Jersey</b>						
July 1993 . . . .	.3	.0	.1	NA	.2	.0
June 1993 . . . .	.1	.0	.0	.0	.1	.0
<b>New York</b>						
July 1993 . . . .	.8	.1	.5	.0	.7	.1
June 1993 . . . .	.8	.1	.1	.0	.5	.1
<b>Pennsylvania</b>						
July 1993 . . . .	.4	NA	.8	.0	.3	.0
June 1993 . . . .	.2	.0	.1	.0	.1	.0
<b>Subdistrict IC Average</b>						
July 1993 . . . .	.1	NA	.2	.0	.2	.0
June 1993 . . . .	.1	NA	.0	.0	.1	.0
<b>Florida</b>						
July 1993 . . . .	.1	-	.3	NA	.2	NA
June 1993 . . . .	.0	NA	.0	.0	.0	.0
<b>Georgia</b>						
July 1993 . . . .	-	-	.1	-	.1	-
June 1993 . . . .	-	-	.0	NA	.0	NA
<b>North Carolina</b>						
July 1993 . . . .	NA	-	.0	.0	.0	.0
June 1993 . . . .	NA	-	.0	NA	.0	NA
<b>South Carolina</b>						
July 1993 . . . .	NA	-	NA	-	NA	-
June 1993 . . . .	NA	-	NA	-	NA	-
<b>Virginia</b>						
July 1993 . . . .	.3	NA	.2	.0	.1	.0
June 1993 . . . .	.3	NA	.0	.0	.1	.0
<b>PAD District II Average</b>						
July 1993 . . . .	.5	.3	.0	.1	.3	.1
June 1993 . . . .	.3	.4	.0	.0	.1	.1

See footnotes at end of table

**Table 54. Standard Errors of Residual Fuel Oil Prices,<sup>a</sup> by PAD District and Selected States (Continued)**  
(Cents per Gallon, Excluding Taxes)

Geographic Area Month	Residual Fuel Oil Sulfur Content Less Than or Equal to 1 Percent		Residual Fuel Oil Sulfur Content Greater Than 1 Percent		Average	
	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale
<b>Illinois</b>						
July 1993	NA	NA	NA	NA	0.0	0.0
June 1993	NA	NA	NA	NA	0	.0
<b>Indiana</b>						
July 1993	0.0	NA	0.0	NA	.0	NA
June 1993	0	NA	0	NA	0	NA
<b>Michigan</b>						
July 1993	5	0.0	0	NA	5	0
June 1993	4	6	0	NA	3	.6
<b>Minnesota</b>						
July 1993	-	-	.0	NA	0	NA
June 1993	-	-	.0	NA	0	NA
<b>Ohio</b>						
July 1993	NA	NA	0	NA	0	.0
June 1993	NA	NA	0	NA	.0	NA
<b>PAD District III Average</b>						
July 1993	NA	5	5	0.3	.4	2
June 1993	NA	1	1	0	1	.1
<b>Alabama</b>						
July 1993	NA	NA	.1	NA	.1	.1
June 1993	NA	-	0	NA	.1	NA
<b>Louisiana</b>						
July 1993	NA	.5	.1	.3	.4	.3
June 1993	NA	.0	.1	0	.1	.0
<b>Mississippi</b>						
July 1993	-	NA	.0	NA	.0	.8
June 1993	-	NA	.0	0	.0	.0
<b>Texas</b>						
July 1993	NA	2	.7	4	7	.2
June 1993	NA	1	.1	.0	.1	.1
<b>PAD District IV Average</b>						
July 1993	-	0	.3	NA	3	.0
June 1993	NA	NA	0	NA	0	.0
<b>PAD District V Average</b>						
July 1993	.1	.0	1	1	.2	.1
June 1993	.1	.4	1	1	1	1
<b>California</b>						
July 1993	NA	.0	.1	1	1	.1
June 1993	NA	4	.1	1	.1	2
<b>Hawaii</b>						
July 1993	NA	-	.0	NA	0	NA
June 1993	NA	-	.0	NA	0	NA
<b>Oregon</b>						
July 1993	-	-	1	1	.1	.1
June 1993	NA	-	NA	NA	NA	NA
<b>Washington</b>						
July 1993	NA	-	.3	.0	.3	.0
June 1993	NA	-	.1	.0	1	.0

<sup>a</sup> Sales prices shown in Table 41.

Dashes (-) = No data reported.

NA = Not available.

Note. Values shown for the current month are preliminary. Values shown for previous month are revised. Data are final upon publication in the Petroleum Marketing Annual. Standard errors are not additive. Standard errors that are less than 0.1 and greater than zero are displayed as 0.1.

Sources. Energy Information Administration Form EIA-782A, "Refiners/Gas Plant Operators' Monthly Petroleum Product Sales Report," and EIA-782B, "Reseller/Retailers' Monthly Petroleum Product Sales Report."

**Table 55. Response Rate by Entity, PAD District, and State**  
(Percent)

Geographic Area	Refiners		Resellers and Retailers		Suppliers	
	July 1993	June 1993	July 1993	June 1993	July 1993	June 1993
<b>U.S. Average</b>	95.0	98.5	91.1	95.3	97.0	99.4
<b>PAD District I Average</b>	94.2	99.1	91.8	94.8	97.6	98.9
Subdistrict IA Average	91.9	99.1	91.3	94.2	97.0	100.0
Connecticut	90.9	95.8	93.1	96.9	97.6	100.0
Maine	88.9	100.0	90.1	92.8	94.6	100.0
Massachusetts	88.9	100.0	89.4	94.0	97.6	100.0
New Hampshire	94.4	100.0	89.9	92.2	97.5	100.0
Rhode Island	94.7	100.0	90.9	92.8	97.3	100.0
Vermont	93.8	100.0	96.6	96.5	97.2	100.0
Subdistrict IB Average	94.7	99.3	91.7	95.4	98.2	100.0
Delaware	100.0	100.0	94.4	96.4	100.0	100.0
District of Columbia	100.0	100.0	92.8	100.0	100.0	100.0
Maryland	92.0	100.0	93.7	97.1	97.8	100.0
New Jersey	93.1	100.0	86.1	91.1	98.1	100.0
New York	90.6	96.9	93.0	95.0	98.4	100.0
Pennsylvania	97.2	100.0	91.3	96.3	96.8	100.0
Subdistrict IC Average	95.0	99.0	92.3	94.5	97.7	99.7
Florida	97.0	100.0	93.0	100.0	98.1	100.0
Georgia	97.2	100.0	94.5	95.6	98.0	100.0
North Carolina	91.4	97.3	90.4	93.6	96.3	100.0
South Carolina	96.8	100.0	91.0	94.9	97.9	100.0
Virginia	92.3	97.4	90.5	89.6	98.3	98.2
West Virginia	96.3	100.0	96.2	96.2	97.5	100.0
<b>PAD District II Average</b>	96.5	99.0	91.1	95.9	97.7	99.9
Illinois	97.2	100.0	93.2	95.9	98.2	100.0
Indiana	97.3	100.0	90.7	96.7	98.2	100.0
Iowa	93.9	100.0	91.0	98.1	93.9	100.0
Kansas	97.7	97.6	91.2	94.4	100.0	100.0
Kentucky	94.1	97.1	85.7	95.3	97.9	100.0
Michigan	90.6	96.8	93.0	95.8	97.9	100.0
Minnesota	97.0	100.0	88.0	93.2	95.3	100.0
Missouri	97.3	100.0	90.8	94.5	98.2	100.0
Nebraska	100.0	100.0	92.1	97.0	100.0	100.0
North Dakota	96.7	100.0	93.1	100.0	97.1	100.0
Ohio	94.4	97.1	92.1	98.1	98.2	100.0
Oklahoma	97.7	100.0	93.3	95.9	94.7	98.1
South Dakota	100.0	100.0	88.1	93.4	100.0	100.0
Tennessee	97.3	97.1	91.9	97.0	98.1	100.0
Wisconsin	96.5	100.0	92.1	93.1	97.5	100.0
<b>PAD District III Average</b>	94.8	98.9	91.5	96.2	96.2	98.8
Alabama	97.3	100.0	95.7	97.9	97.9	97.9
Arkansas	97.4	100.0	94.0	95.1	97.9	100.0
Louisiana	98.1	96.1	90.7	96.6	98.7	100.0
Mississippi	95.2	100.0	88.1	97.7	94.4	96.4
New Mexico	96.5	100.0	87.9	90.0	97.4	100.0
Texas	88.4	98.6	91.2	97.1	94.7	98.9
<b>PAD District IV Average</b>	94.8	98.3	90.5	95.1	96.7	99.3
Colorado	97.0	100.0	93.6	94.7	97.7	100.0
Idaho	94.1	100.0	88.2	95.5	95.6	95.6
Montana	93.8	100.0	93.9	97.9	94.7	100.0
Utah	91.3	100.0	87.9	91.5	96.4	100.0
Wyoming	96.3	92.6	89.7	96.4	97.2	100.0
<b>PAD District V Average</b>	92.4	94.1	88.8	94.0	93.4	96.4
Alaska	86.7	100.0	84.4	100.0	88.2	100.0
Arizona	92.8	92.6	87.7	94.7	94.6	97.1
California	94.9	94.7	90.6	93.6	93.8	95.8
Hawaii	100.0	100.0	85.7	100.0	100.0	100.0
Nevada	90.5	90.5	90.0	93.9	92.6	98.3
Oregon	92.0	90.9	87.8	90.0	93.5	92.8
Washington	90.9	95.2	88.9	94.4	93.1	96.4

Note: Values shown for the current month are preliminary. Values shown for previous month are revised. Data are final upon publication in the Petroleum Marketing Annual.

Sources: Energy Information Administration Form EIA-782A, "Refiners/Gas Plant Operators' Monthly Petroleum Product Sales Report," EIA-782B, "Reseller/Retailers' Monthly Petroleum Product Sales Report," and EIA-782C, "Monthly Report of Petroleum Products Sold into States for Consumption."





## **Explanatory Notes**



# Explanatory Notes

## The EIA-782 Survey

### Background

The EIA-782 survey was implemented to fulfill the data requirements necessary to meet Energy Information Administration (EIA) legislative mandates and user community data needs. The requirements include petroleum product price, market distribution, demand (or sales), and product supply data, which are needed for a complete evaluation of petroleum market performance. In the past, these data requirements were fulfilled through the following surveys:

- EIA-460: "Petroleum Industry Monthly Report for Product Prices"
- EIA-9A: "No. 2 Distillate Price Monitoring Report"
- EIA-25: "Prime Supplier's Monthly Report"
- FEA-P306: "Refiner/Importer Monthly Report of Petroleum Product Distribution"
- FEA-P314: "Monthly Survey of Distillate and Residual Fuel Oil Sales to Ultimate Consumers"
- FEA-P315: "Monthly Survey of Propane Sales Volume to Ultimate Consumers"
- SG-1, 2, 4, and 7: "Survey of Gallonage Sales of Gasoline."

The President's Executive Order 12287 on decontrol in January 1981, and the expiration of the Emergency Petroleum Allocation Act (EPAA) on September 30, 1981, brought changes in EIA's legislative mandates and data requirements. These changes, along with EIA's previous commitment to consolidate its data collection, motivated the development of an EIA survey which eliminated regulatory data elements and integrated, consolidated, and continued the collection of basic statistical elements from previous forms.

Comments solicited from the petroleum industry and data users led to the development of this new consolidated survey--the Form EIA-782 series, which includes the Form EIA-782A, *Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report*, Form EIA-782B, *Reseller/Retailers' Monthly Petroleum Prod-*

*uct Sales Report*, and Form EIA-782C, *Monthly Report of Petroleum Products Sold into States for Consumption*.

The Form EIA-782A replaced the refiner and gas plant operator portion of the Form EIA-460. Major changes include deleting 10 product categories and redefining and regrouping other product categories formerly on the Form EIA-460 survey, shifting reporting from a national to a State-specific basis, and revising respondent lists and respondent groupings used for publication. The Form EIA-782A collects refiner and gas plant operator monthly price and volume data on a State level for various petroleum products for retail and wholesale marketing categories, with more detailed retail customer sales categories for No. 2 distillate.

The Form EIA-782B replaced the nonrefiner portions of the Form EIA-9A and the Form EIA-460. Major changes to the Form EIA-9A included deleting purchase, inventory, storage capacity, and tax data; regrouping customer sales categories; and revising the frame and sample.

The Form EIA-782C replaced Form EIA-25. Changes made include deletion of some product categories and the regrouping of others.

### Discussion of Sample Design

The Form EIA-782A was sent to a census of refiners and gas plant operators. Respondents were selected with certainty due to their small number and because of the relative size of their sales volume.

The Form EIA-782B was sent to a scientifically selected sample of motor gasoline resellers, and distillate and residual fuel oil resellers and retailers. The Form EIA-863, "Petroleum Product Sales Identification Survey," served as the basis of the sampling frame of refiners. Information obtained from the Form EIA-863 supplemented with information from the Form EIA-821, "Annual Fuel Oil and Kerosene Sales Report," to provide separate stratification schemes vary by product and State. Dealers selling in fewer than 10 States and company/State units comprising less than 1 percent of sales in that State were selected with certainty. The remaining company/State un-

the frame were stratified within geographic area and sales type by urban/rural designation and volume of product sales. The geographic areas were defined as (a) the 24 States in which No. 2 distillate was a significant heating source and 51 States for residual and motor gasoline, or as (b) the PAD Districts for districts where not all State estimates are provided. The type-of-sale classifications were retail and resale for motor gasoline and residual fuel oil, and residential and non-residential retail and wholesale for distillate. Three volume-of-sales classifications (zero, low, and high) were defined with volume boundaries and numbers of strata, differing by State, sales type, and product.

The design of the EIA-782B sample was based on seven target variables: total retail motor gasoline, total wholesale motor gasoline, residential No. 2 fuel oil, other retail No. 2 fuel oil, total wholesale No. 2 fuel oil, total retail residual fuel oil, and total wholesale residual fuel oil. The required level of accuracy for each target variable was defined by a volume coefficient of variation (CV) of 15 percent for No. 2 distillate and 10 percent for motor gasoline and residual fuel oil, determined at the publishable State level (24 States for distillate, 51 for motor gasoline and residual). Studies on the relationship of volume CV to price CV have shown that this will produce price CVs of less than 1 percent. The reliability of current month estimates will vary from these goals due to the deterioration of the frame over time and the changing distributions of price and volume.

The samples resulting from the separate stratification schemes were combined by means of a linked-selection procedure designed to maximize the overlap among samples. This procedure produced a sample size of approximately 2,788 companies. Each company selected was required to file completed survey forms for all States in which it had petroleum sales.

The Form EIA-782C was sent to all prime suppliers of any of the selected products on the EIA-782C. A prime supplier is a firm that produces, imports, or transports any of the selected petroleum products across State boundaries and local marketing areas and sells the product to local distributors, local retailers, or end users. They were selected with certainty due to their small number and the relative size of their sales volumes.

## Discussion of the Sampling Frame

The Form EIA-782A mailing list consisted of all companies included on the mailing lists for the Form EIA-87, "Refiners Report," and the Form EIA-64, "Natural Gas Liquids Operations Report," in addition to those companies identified as refiners or gas plant operators on the Form EIA-460, "Petroleum Industry Monthly Report for Product Prices," name and address

file. The records from these combined files provided comprehensive coverage of the target population of refiners and gas plant operators. Currently, there are 161 companies responding to the EIA-782A.

The EIA-863 data base provided the sampling frame for the EIA-782B survey. The EIA-863, "Petroleum Product Sales Identification Survey," was mailed to approximately 27,000 companies in January 1989, in order to collect 1988 State level sales volume data for No. 2 distillate, residual, and motor gasoline. The No. 2 distillate data were further identified by residential/nonresidential end-use and non-end-use sales, while the residual and motor gasoline data were identified by end-use and non-end-use sales. The mailing list for the EIA-863 survey was constructed by merging and unduplicating the previous master frame file and approximately 47 State and commercial lists.

Data from the 1988 EIA-821, "Annual Fuel Oil and Kerosene Sales Report" survey were merged with data from the EIA-863 survey to yield a combined file. A transformed and edited version of this file was created to form the sample file used to design and select the EIA-782B sample.

NOTE: Truck stops selling No. 2 diesel fuel were not specifically included in the frame. Therefore, the EIA-782B end-use category, "sales through company outlets," does not incorporate all sales of No. 2 distillate.

The initial Form EIA-782C mailing list consisted of all companies included on the mailing lists for the Forms EIA-782A and EIA-25 and all other firms believed to qualify for reporting. The Form EIA-782C frame currently includes approximately 238 firms.

## Reliability of Data

There are two types of errors possible in an estimate based on a sample survey: sampling and nonsampling. Sampling errors occur because observations are made only on a sample, not on the entire population. Nonsampling errors can be attributed to many sources in the collection and processing of data. The accuracy of survey results are determined by the joint effects of sampling and nonsampling errors.

## Measures of Sampling Variability

Tables 15, 16, 28 to 34, 37 to 39, and 41 utilize a particular sample of nonrefiners and, therefore, have sampling error. The remainder of the tables published are based on census data; therefore, there is no error due

to sampling. The particular sample used for the EIA-782B is one of a large number of all possible samples that could have been selected using the same design. Estimates derived from the different samples would differ from each other. The average of these estimates would be close to the estimate derived from a complete enumeration of the population (a census), assuming that a complete enumeration has the same nonsampling errors as the sample survey.

The sampling error, or standard error of the estimate, is a measure of the variability among the estimates from all possible samples of the same size and design and, thus, is a measure of the precision with which an estimate from a particular sample approximates the results of a complete enumeration. Tables 50 to 54 provide the upper bounds of standard errors for sales prices of motor gasoline, No. 2 distillate, No. 2 fuel oil, and residual fuel oil, respectively.

## Nonsampling Errors

Nonsampling errors can be attributed to many sources: (1) inability to obtain complete information about all cases in the sample (i.e., nonresponse), (2) response errors, (3) definitional difficulties, (4) differences in the interpretation of questions, (5) mistakes in recording or coding the data obtained, and (6) other errors of collection, response, coverage, and estimation for missing data. These nonsampling errors also occur in complete censuses.

Although no direct measurement of the biases due to nonsampling errors can be obtained, precautionary steps were taken in all phases of the frame development and data collection, processing, and tabulation processes, in an effort to minimize their influence. In addition, the close cooperative consultation between EIA and the EIA-782 survey respondents and data users results in a more accurate information gathering and reporting process. EIA-782 survey response rates are presented by type of entity in Table 55.

## Imputation and Estimation

Survey data gathered from the respondents invariably contain incomplete reporting, nonresponse, and values that fail editing. These missing data are estimated, or imputed for, as follows. First, for all survey units, the previous month's reported value and the previous month's predicted value are weighted together to yield a predicted value for the current month. The sum of the weighted, predicted values for nonrespondents in the current month is then multiplied by a chain link multiplier (the ratio of the sum of the weighted, re-

ported values for respondents in the current month to the sum of the weighted, predicted values for respondents in the current month). The resulting estimate for nonreported values is then added to the reported values. That is,

$$\hat{V}_t = \sum_R W_i^* V_{i,t} + \frac{\sum_R W_i V_{i,t}}{\sum_R W_i \tilde{V}_{i,t}} \cdot \sum_{NR} W_i^* \tilde{V}_{i,t} \quad (1)$$

Where

$$W_i^* = \frac{N}{\sum_{i=1}^N W_i} (W_i)$$

$W_i$  = the weight for company  $i$ . For resellers/retailers responding to EIA-782B,  $W_i$  is inversely proportional to the probability of inclusion. For all certainty units  $W_i = 1$ . The certainty units are all respondents to the EIA-782A, the EIA-782C, and the units selected with certainty for the EIA-782B.

$N$  = total number of population units,

$n$  = number of sampled units,

$\sum_R$  = summation across current month respondents,

$\sum_{NR}$  = summation across current month nonrespondents,

$V_{i,t}$  = current month (t) reported volume for company  $i$ ,

$\hat{V}_t$  = current month (t) estimated total volume,

$\tilde{V}_{i,t}$  = current month (t) predicted volume for company  $i$ ,

$$\tilde{V}_{i,t} = \alpha \tilde{V}_{i,t-1} + (1-\alpha) V_{i,t-1} \quad (2)$$

where

$\tilde{V}_{i,t-1}$  = previous month (t-1) predicted volume for company  $i$ ,

$V_{i,t-1}$  = previous month (t-1) reported volume for company  $i$ ,

$\alpha$  = constant between 0 and 1, set by product and type of sale.

Analogously, revenue formulas are expressed by replacing  $\hat{V}_t$ ,  $V_{i,t}$ , and  $V_{i,t-1}$  in (1) and (2) with  $\hat{Q}_t$ ,  $Q_{i,t}$ ,  $Q_{i,t}$ , and  $Q_{i,t-1}$ , where  $Q$  represents revenue; i.e., price times volume. The resulting estimated revenues

and volumes,  $\hat{Q}_t$  and  $\hat{V}_t$ , are aggregated to the publishable level to yield  $\hat{Q}_t$  and  $\hat{V}_t$ , respectively. Current period volume weighted average price is therefore estimated by:

$$\hat{P}_t = \frac{\hat{Q}_t}{\hat{V}_t} \quad (3)$$

where (t.) represents aggregation to the publishable level for the current month (t).

Multiple product data collection and linked sample selection yield two types of respondents: basic and supplemental. Both types are used for imputation, estimation, and standard errors.

Standard errors are obtained by taking the square root of the variance. The variance is estimated by using an approximation to the variance of an estimated ratio for use with an unequal probability sample.

The variance estimate is:

$$VAR(\hat{P}_t) = \frac{1}{\hat{V}_t^2} \sum_k N_k^2 n_k (1-f_k) \frac{M_k}{(\sum_i W_{ik})^2}$$

where

$N_k$  = the number of population units in group k

$n_k$  = the number of basic and volunteer respondents in group k

$W_{ik}$  = the sampling weight for respondent i in group k

$$f_k = \frac{n_k}{N_k}$$

and  $\hat{P}_t$  and  $\hat{V}_t$  are as previously defined.

The term  $M_k$  is computed as follows:

$$M_k = \frac{\sum_i (M_{ik})^2}{n_k - 1}$$

where

$$M_{ik} = W_{ik} V_{ik} D_{ik} - \frac{W_{ik}}{(\sum_i W_{ik})} \times (\sum_i W_{ik} V_{ik} D_{ik})$$

and

$$D_{ik} = P_{ik} - \hat{P}_t$$

$V_{ik}$  = reported volume for respondent i in group k

$P_{ik}$  = reported price for respondent i in group k

## Data Continuity

The transition from the EIA-460, the EIA-9A, and the EIA-25 to the EIA-782, as discussed under "Background," occurred late in 1982 and involved many changes. These included changes in the reporting forms (such as changes in product definition), the frame, the nonresponse adjustment (imputation procedure), the sample, and the operating system; i.e., the editing and computational procedures. All these changes may be expected to have an impact on the volumes and prices derived from the EIA-782 survey and presented in this publication.

Since the transition from the EIA-460, the EIA-9A, and the EIA-25 to the EIA-782 took place over a period of 4 months, rather than occurring at one time, it was possible to compare data from the predecessor surveys with data from the new survey during the transition period for some data elements. This comparative analysis yielded adjustment factors which reflected the estimated overall effect of the changes.

These adjustment factors were applied to the appropriate predecessor survey prices to yield a backcast estimate. A complete description of the estimation of historical data prior to January 1983 is contained in the feature article of the December 1983(3) issue of the PMM.

The backcast price estimation employed the predecessor survey published price as the initial approximation. The initial approximation, however, frequently represented less aggregated product categories and more aggregated seller/sales categories. Therefore, more comparable product categories were formed by volume weighting the disaggregated predecessor survey product prices. For the EIA-9A, comparable categories were formed by subtracting from the price the average taxes reported. Comparable seller/sales categories were formed by multiplying the predecessor price by the ratio of the EIA-782 price for the category to be estimated divided by the volume weighted prices for the aggregate of the EIA-782 categories most comparable to the predecessor category. That is,

$$\hat{P}_{460,i} = \hat{P}_{460,j} \frac{\hat{P}_{782,i}}{\hat{P}_{782,j}}$$

where  $i$  represents the EIA-782 category to be backcast and  $j$  represents the most similar category on the predecessor survey.

The backcast price series were estimated by multiplying the estimate for the previous time period from the predecessor survey by an adjustment factor:

$$\hat{P}_{782,i,t} = \hat{P}_{\text{Predecessor},i,t} \times (\text{Adjustment Factor})$$

where  $t$  = reference month.

Adjustment factors were computed by dividing the EIA-782 December price by the derived December predecessor price for comparable categories:

$$\text{Adjustment Factor} = \frac{\hat{P}_{782,i,\text{December}}}{\hat{P}_{\text{Predecessor},i,\text{December}}}$$

The EIA-782 December 1982 price for all respondents had to be estimated since not all of the EIA-782 respondents were reporting in December. This estimate was based on the average of the ratios of the prices for the December respondents to the prices for all respondents in January, February, and March of 1982. That is,

$$\hat{P}_{782,i,\text{December}} = \hat{P}_{782,i,r,\text{December}} \div \frac{\sum_m \frac{\hat{P}_{782,i,r,m}}{\hat{P}_{782,i,m}}}{3}$$

where  $r$  = respondents who reported in the December reference month and  $m$  = the months of January, February, and March.

Starting with the January 1984 final estimates, prices published are derived using the sample described under "Discussion of Sample Design." Prices published for January through December 1983 were derived using a different sample and design (see the December 1983(3) issue of the PMM for further description). Therefore, there may be some minor discontinuity between the December 1983 and January 1984 estimates.

## Collection Methods

Survey data are collected by mail every month. It is mandatory for each respondent to submit completed forms to EIA within the specified time allotted. For the EIA-782A and B, completed forms must be submitted no later than 30 calendar days after the close of each reference month. For the EIA-782C, completed forms must be submitted no later than 20 calendar days after the close of the reference month. Telephone fol-

low-up calls to nonrespondents begin the day after the established due date in order to collect all outstanding data. Late submissions and resubmissions are processed when received.

## Data Processing

As EIA-782 forms are received, they are logged into an automated Survey Control File which maintains monthly status codes for each company. The data are reviewed manually and then entered onto the computer files. They are then processed through an automated edit program which detects missing data, inconsistent prices, volumes and prices that significantly differ from those previously reported by the company, and outlying values that will affect published estimates. Data that fail the edits are resolved through telephone calls to the data reporters, and corrections and verification codes are entered on the computer files. Statistical reports, including publication tables, are then generated using only acceptable and verified data.

## Nondisclosure

The data contained in this publication are subject to statistical nondisclosure procedures. The objective of the disclosure-avoidance procedures, as stated in the Energy Information Administration Standard 88-05-06, Subject: "Nondisclosure of Company Identifiable Data in Aggregate Cells," is to ensure that confidential, company-identifiable data are not disclosed in tables where "company specific responses may be proprietary and prohibited from public disclosure by 18 U.S.C. 1905." Statistics representing data aggregated from fewer than three companies or that are dominated by input from one or two companies are withheld. EIA identifies cells that are sensitive according to these criteria by applying a statistical formula to the data contained in each cell to determine if a few companies "dominate" the cell.

If a cell is sensitive, the data in that cell are suppressed and a "W" is placed in the publication cell. Also, since many tables include row or column totals, some nonsensitive data cells have been suppressed to prevent the reader from calculating the suppressed numbers by simply subtracting the published numbers from the total.

## Relationship of Refiner and Prime Supplier Sales Volumes

The refiner sales volumes collected on the EIA-782A are related to the prime supplier sales volumes collected on the EIA-782C, but conceptual differences exist which cause variations between these data. In general, EIA-782A volumes are intended to reflect *refiner sales* of petroleum products into *all secondary and tertiary markets*, while EIA-782C volumes are designed to measure *prime supplier sales* into only the *local markets of ultimate consumption*. Specifically:

- The reporting universe for the EIA-782C survey is significantly larger than that of the EIA-782A. While nearly all refiners and gas plant operators report on both surveys (a small number do not qualify as prime suppliers), some large, inter-State distributors and retailers, as well as some importers, report only on the EIA-782C.
- EIA-782A respondents are asked only to exclude sales to other refiners (that is, other respondents that comprise the primary market), while EIA-782C respondents are asked to exclude sales to any company that is not a local distributor, local retailer, or end user (DRE). Therefore, EIA-782C respondents are asked not only to exclude sales to refiners, but also to most large inter-State resellers, importers, traders, and retailers who transport product across State boundaries.
- The EIA-782A is designed to gather data on the sales of selected petroleum products made in each State, regardless of where the products are physically located or will be consumed. In contrast, the EIA-782C is designed to collect data reflecting only delivered sales of selected petroleum products into those States where the products are expected to be locally consumed.

Consequently, EIA-782A and EIA-782C volumetric data generally vary at national, regional, and State levels. In particular, differences are expected in States and regions in which major supply origination, pipeline distribution, or transfer points are located. In these States, large volumes of product may change hands

many times, often for eventual shipment outside the State. Since the EIA-782C is intended to measure only those sales into the final local markets of consumption (sales to DREs), all preceding sales are excluded. Furthermore, sales by EIA-782C respondents are reported wherever the product was delivered, which may differ from the State where title transferred. In contrast, the EIA-782A reflects all sales made to secondary resellers, wherever title transfers.

Additionally, the EIA-782C reflects imports by firms that are neither refiners nor gas plant operators, that would not be measured on the EIA-782A unless they were transferred to a distribution chain. This would mostly affect regions with a high level of product imports, such as the New England or Mid-Atlantic States.

Therefore, States with major refining areas, such as Texas or California, generally show higher prime supplier sales, since some of the volumes reported on the EIA-782A are excluded on the EIA-782C or are reported in different States. Conversely, net consuming States (e.g., most PAD District I and PAD District II States) may show larger prime supplier sales on the EIA-782C due to inter-State movements or imports by resellers and/or differences in State of delivery versus title transfer. However, this may be partially or entirely offset by some refiners reporting larger sales volumes on the EIA-782A than on the EIA-782C (due to fewer exclusions taken on the EIA-782A).

In summary, caution should be exercised when comparing sales volumes between refiners and prime suppliers. Whereas EIA-782A data reflect the marketing of product by refiners to non-refiners where the sale occurs, EIA-782C data reflect prime supplier sales to local distributors, local retailers, and end users where the product is delivered. Therefore, the EIA-782A and EIA-782C surveys differ by the respondents reporting (refiners versus prime suppliers), the types of sales reported (sales to non-refiners versus sales to DREs), and the location of the reported sales (point of title transfer versus destination of the sale). While refiner volumes and prime supplier sales are related, the complex nature of the U.S. distribution system will result in varying degrees of dissimilarity between them.



**Table EN1. Federal and State Motor Fuel Taxes<sup>1</sup>**  
(Cents per Gallon)

	Motor Gasoline	Diesel Fuel	Gasohol		Motor Gasoline	Diesel Fuel	Gasohol
Federal <sup>2</sup> .....	14.10	20.10	8.70	Mississippi <sup>4</sup> .....	18.40	18.40	18.40
Average State Tax ....	18.77	18.66	18.24	Missouri <sup>4</sup> .....	13.10	13.10	13.10
Alabama <sup>4</sup> .....	18.00	19.00	18.00	Montana <sup>4</sup> .....	25.68	25.68	25.68
Alaska .....	8.00	8.00	8.00	Nebraska <sup>1</sup> .....	24.30	24.30	24.30
Arizona .....	19.00	19.00	19.00	Nevada <sup>4</sup> .....	23.60	27.60	23.60
Arkansas .....	18.70	18.70	18.70	New Hampshire .....	18.80	18.80	18.80
California <sup>3 4</sup> .....	17.60	17.60	17.60	New Jersey .....	14.50	17.50	14.50
Colorado .....	22.31	20.81	22.31	New Mexico <sup>4</sup> .....	23.00	19.00	23.00
Connecticut <sup>3</sup> .....	29.00	18.00	28.00	New York <sup>3 4</sup> .....	22.89	24.89	22.89
Delaware .....	19.00	19.00	19.00	North Carolina .....	22.25	22.25	22.25
District of Columbia ...	20.00	20.00	20.00	North Dakota .....	17.25	17.25	17.25
Florida <sup>4</sup> .....	11.80	11.80	11.80	Ohio .....	22.00	22.00	22.00
Georgia <sup>3</sup> .....	7.60	7.60	7.60	Oklahoma .....	17.00	14.00	17.00
Hawaii <sup>3 4</sup> .....	16.00	16.00	16.00	Oregon <sup>4</sup> .....	24.00	24.00	19.00
Idaho .....	22.00	22.00	18.00	Pennsylvania .....	22.35	22.35	22.35
Illinois <sup>3 4</sup> .....	19.30	21.80	19.30	Rhode Island .....	28.00	28.00	28.00
Indiana <sup>3</sup> .....	15.08	16.08	15.08	South Carolina <sup>4</sup> .....	16.75	16.75	16.75
Iowa <sup>3</sup> .....	20.00	22.50	19.00	South Dakota .....	20.00	20.00	19.00
Kansas .....	18.02	20.02	18.02	Tennessee .....	21.40	18.40	21.00
Kentucky .....	15.40	12.40	15.40	Texas .....	20.00	20.00	20.00
Louisiana <sup>3</sup> .....	20.03	20.03	20.03	Utah .....	19.50	19.50	19.50
Maine .....	19.00	20.00	19.00	Vermont .....	16.00	17.00	16.00
Maryland .....	23.50	24.25	23.50	Virginia <sup>3 4</sup> .....	17.70	16.20	17.70
Massachusetts .....	21.00	21.00	21.00	Washington <sup>4</sup> .....	23.12	23.12	19.44
Michigan <sup>3</sup> .....	15.88	15.88	15.88	West Virginia .....	20.50	20.50	20.50
Minnesota .....	20.00	20.00	18.00	Wisconsin .....	25.40	25.40	25.40
				Wyoming .....	9.00	9.00	5.00

<sup>1</sup> This figure lists rates of general application (including, but not limited to, excise taxes, environmental taxes, special taxes, and inspection fees), exclusive of county and local taxes. Rates are also exclusive of any State taxes based on gross or net receipts. The State rates are effective as of July 1, 1993.

We are aware of the following rate changes that will take effect in the next 6 months: Delaware: on September 1, 1993 all products will increase to 23.0 cents per gallon; Hawaii: on August 1, 1993 the Maui LOTS will increase to 11 cents per gallon.

<sup>2</sup> The Federal tax on motor gasoline and diesel fuel increased 5.0 cents, to 14.1 and 20.1 cents, respectively, on December 1, 1990.

<sup>3</sup> Additional State taxes are levied as follows: California: 7.25-8.25 percent sales tax; Connecticut: 5 percent gross earnings tax; Georgia: 3 percent second motor fuel tax plus 1 percent sales tax; Hawaii: 4 percent sales tax; Illinois: sales tax varies by jurisdiction, from 6.25 to 8.0 percent; Indiana: 5 percent sales and use tax; Iowa: 1 percent environmental protection tax; Louisiana: 3 percent motor gasoline, 4 percent diesel for off-road use; Michigan: 4 percent sales tax; New York: 4 percent sales tax; Virginia: sales and use tax of 2 percent in areas where mass transit systems exist.

<sup>4</sup> Local option taxes are allowed. In Florida, the State assesses a SCETS tax of two-thirds the county rate (of 1 to 6 cents per gallon) in addition to the regular excise tax. In Hawaii, LOTS are as follows: Honolulu: 16.5 cents per gallon; Maui: 9.0 cents per gallon; Hawaii: 8.8 cents per gallon; Kauai: 10.0 cents per gallon.

Source: State revenue/taxation offices.

5 UNDEFINED

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**Table EN 2. U.S. Postal Two-Letter State Abbreviations**

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AL	Alabama	KY	Kentucky	ND	North Dakota
AK	Alaska	LA	Louisiana	OH	Ohio
AZ	Arizona	ME	Maine	OK	Oklahoma
AR	Arkansas	MD	Maryland	OR	Oregon
CA	California	MA	Massachusetts	PA	Pennsylvania
CO	Colorado	MI	Michigan	RI	Rhode Island
CT	Connecticut	MN	Minnesota	SC	South Carolina
DE	Delaware	MS	Mississippi	SD	South Dakota
DC	District of Columbia	MO	Missouri	TN	Tennessee
FL	Florida	MT	Montana	TX	Texas
GA	Georgia	NE	Nebraska	UT	Utah
HI	Hawaii	NV	Nevada	VT	Vermont
ID	Idaho	NH	New Hampshire	VA	Virginia
IL	Illinois	NJ	New Jersey	WA	Washington
IN	Indiana	NM	New Mexico	WI	Wisconsin
IA	Iowa	NY	New York	WV	West Virginia
KS	Kansas	NC	North Carolina	WY	Wyoming

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## Revision Error

The petroleum product price and volume data shown for the current month are preliminary. These numbers may be revised in the next month's publication based on data received late or revisions received. For example, if the latest data shown are for the month of Feb-

ruary, the February data are preliminary and the January data may have been revised due to the receipt of late or revised data. The data are final upon publication in the *Petroleum Marketing Annual* (PMA). The difference between the data when they appear in the *Petroleum Marketing Monthly* (PMM) and when they appear in the PMA is called the revision error. The amount of revision error for some selected EIA-782 data series is shown in the following tables.

**Table EN3. Revision Error in Selected 1992 U.S. Average Price Data**  
(Cents per Gallon Excluding Taxes)

Date	Refiner/Reseller Unloaded Regular Sales to End Users			No. 2 Distillate Sales to Residential Customers			Residual Fuel Oil Sales to End Users		
	Preliminary	Final	Difference	Preliminary	Final	Difference	Preliminary	Final	Difference
January	68.3	68.4	-0.1	94.1	94.2	-0.1	29.3	28.8	0.5
February	67.4	67.6	-0.2	94.0	94.2	-0.2	28.0	27.7	0.3
March	68.3	68.5	-0.2	93.0	93.2	-0.2	27.9	27.7	0.2
April	72.1	72.1	0.0	92.3	92.5	-0.2	29.7	29.6	0.1
May	77.4	77.4	0.0	92.4	92.3	0.1	33.4	33.4	0.0
June	80.4	80.5	-0.1	92.4	92.0	0.4	34.5	34.5	0.0
July	79.4	79.4	0.0	90.4	90.4	0.0	36.7	36.7	0.0
August	78.3	78.3	0.0	88.5	88.6	-0.1	36.9	36.8	0.1
September	78.4	78.4	0.0	90.1	90.1	0.0	37.7	37.5	0.2
October	77.4	77.4	0.0	93.9	93.7	0.2	39.2	39.2	0.0
November	76.6	76.6	0.0	94.7	94.8	-0.1	39.4	39.4	0.0
December	73.3	73.3	0.0	94.5	94.5	0.0	36.2	36.2	0.0

Sources: Preliminary data are from Tables 15, 28, and 40 of the *Petroleum Marketing Monthly*. Final data are from Tables 15, 28, and 40 of the *Petroleum Marketing Annual, 1992*.

**Table EN4. Revision Error in Selected 1992 Refiner Sales Volume Data**  
(Million Gallons)

Date	Motor Gasoline Sales for Resale			No. 2 Distillate Sales for Resale			Residual Fuel Oil Sales to End Users		
	Preliminary	Final	Percent Change	Preliminary	Final	Percent Change	Preliminary	Final	Percent Change
January	7,689	7,735	-0.6	3,423	3,399	0.7	843	881	-4.5
February	7,328	7,332	-0.1	2,965	2,960	0.2	763	809	-6.0
March	8,029	8,046	-0.2	3,123	3,095	0.9	770	814	-5.7
April	8,191	8,144	0.6	3,041	3,026	0.5	832	885	-8.4
May	8,384	8,355	0.3	2,829	2,799	1.1	572	604	-5.6
June	8,208	8,150	0.7	2,791	2,771	0.7	610	646	-5.9
July	8,499	8,458	0.5	2,830	2,798	1.1	626	650	-3.8
August	8,277	8,241	0.4	2,818	2,790	1.0	588	585	0.5
September	8,048	8,048	0.0	3,157	3,163	-0.2	605	601	0.7
October	8,254	8,284	-0.1	3,141	3,141	0.0	611	610	0.2
November	7,730	7,828	-1.3	2,946	2,988	-1.5	620	620	0.0
December	8,556	8,550	0.1	3,549	3,547	0.1	676	689	-1.9

Sources: Preliminary data are from Tables 10, 45, and 46 of the *Petroleum Marketing Monthly* (PMM). Final data are from Tables 10, 45, and 46 of the *Petroleum Marketing Annual, 1992*.

**Table EN5. Revision Error in Selected Volumes of 1992 First Sales Data**  
(Million Gallons)

Date	Total Motor Gasoline			Total No. 2 Distillate			Total Residual Fuel Oil		
	Preliminary	Final	Percent Change	Preliminary	Final	Percent Change	Preliminary	Final	Percent Change
January	9,635	9,593	0.4	4,643	4,612	0.7	1,680	1,699	-1.1
February	9,205	9,183	0.2	4,056	4,019	0.9	1,524	1,511	0.9
March	10,076	10,032	0.4	4,278	4,247	0.7	1,518	1,578	-4.1
April	10,076	10,111	-0.3	4,064	4,057	0.2	1,481	1,481	0.0
May	10,348	10,360	-0.1	3,730	3,723	0.2	1,288	1,288	0.0
June	10,157	10,149	0.1	3,639	3,640	-0.3	1,318	1,318	0.0
July	10,568	10,568	0.0	3,723	3,715	0.2	1,349	1,348	0.1
August	10,262	10,257	0.0	3,681	3,680	0.0	1,070	1,067	0.3
September	9,830	9,830	0.0	3,903	3,898	0.2	1,157	1,145	1.0
October	10,381	10,353	0.1	4,201	4,185	0.1	1,257	1,247	0.8
November	9,680	9,658	0.2	3,906	3,920	-0.4	1,234	1,238	-0.3
December	10,409	10,317	0.9	4,541	4,518	0.5	1,352	1,352	0.0

Sources: Preliminary data are from Tables 47, 48, and 49 of the *Petroleum Marketing Monthly* (PMM). Final data are from Tables 47, 48, and 49 of the *Petroleum Marketing Annual, 1992*.

# The Crude Oil Price Surveys

## Background

### Form EIA-182: "Domestic Crude Oil First Purchasers' Report"

Each month, EIA-182 provides data from the buyers on first purchases of domestic crude oil. A "first purchase" constitutes a transfer of ownership of crude oil during or immediately after the physical removal of the crude oil from a production property for the first time. Transactions between affiliated companies are reported as if they were "arms-length" transactions. (This definition is consistent with the Windfall Profits Tax (WPT) concepts of "first sale" and "removal price.") The primary objective is to calculate an average first purchase price at various levels of aggregation. A company's monthly average first purchase prices are volume weighted across given geographical areas and are computed from the following reported data elements:

- **Area of production.** The producing State or non-State production "area" (i.e., Alaska North Slope, Alaska Other Mainland, Federal Offshore California and Federal Offshore Gulf--about one-fifth off Texas and the remainder off Louisiana).
- **Total amount paid.** Reported f.o.b. the lease boundary and based on the actual purchase expenditures, including discounts or premiums paid.
- **Total volume purchased.** The amount of crude bought and paid for as it is measured at the lease boundary (usually at a lease automatic custody transfer unit--a LACT unit), adjusted for basic sediment and water (BS&W) and temperature.

Prices published from data collected on Form EIA-182 are calculated by dividing the sum of the total amounts paid by the sum of the total volumes purchased.

### Form EIA-856: "Foreign Crude Oil Acquisition Report"

The EIA-856 provides monthly price and volume data for about 90 percent of all the crude oil imported into the United States. It also provides classification data that enable EIA to determine the terms of an acquisition. The data are reported for the parent company and all the affiliates controlled by the parent. Under this definition, the acquisition price reported for each cargo is the one paid to an unaffiliated seller, in principle an "arms-length" price, which is consistent with use of the data to represent market trends, rather than monitoring internal company transfer pricing policies.

Each month, respondents report the following for cargoes acquired for U.S. importation:

- **Offshore inventories.** Crude oil owned by the respondent that is intended for importation into the United States. These inventories include oil in tankers enroute to the United States and floating or on-land storage outside the United States.
- **Crude type.** Includes the country of origin of the cargo of crude, the stream or type of crude oil (e.g., Saudi Light), and the API gravity.
- **Volume.** The number of 42 gallon barrels in the cargo.
- **Dates.** The date of loading/acquisition and the expected month of landing.
- **Transportation.** Ports of loading and landing and the name of the vessel.
- **Prices.** Acquisition cost, landed cost, and other costs such as demurrage, agent's fees, import tariffs and fees, etc. (all costs are reported in dollars per barrel).
- **Days credit.** The number of days credit is extended to the purchaser by the seller.
- **Purchase classifying information.** Type of transaction (e.g., purchase from host government), terms of transaction (spot or contract), and point of transaction (f.o.b. (free on board), country of origin or CIF (cost, insurance, and freight), U.S. port of entry).

Published prices are calculated by first multiplying the purchase volume by a price to obtain a total cost, then the sums of the total costs are divided by the sums of the purchase volumes.

The prices associated with data collected on Form EIA-856 are aggregated within the month of acquisition, which can be the month of loading, the month of landing, or sometime between those events. By design, the prices are not aggregated for the month in which they are determined, unless the acquisition and price determination month are the same. EIA-856 data reflect types of trades occurring over the entire spectrum of international crude oil markets, ranging from continuing supply agreements to spot market purchases. Prices can be determined at time of loading or at time of landing. Prices can be negotiated between the parties involved or tied to spot or futures market price levels. The methodology chosen for the EIA-856 provides a consistent historical series even though its prices may not always agree with measures of prices from other sources.

International crude oil markets are complex and dynamic. For example, a cargo of Saudi Arabian crude oil could be acquired in June at a loading port in Saudi Arabia. The cargo may land in the United States in August. The price for the crude oil could be determined by spot crude oil prices in effect during the 5 days

before and after landing. For the PMM, the price for this cargo will be aggregated in the month of June, when it was acquired. Conversely, a cargo of Brent crude may be acquired in June, but its price may have been determined in the forward Brent market in April. This cargo's price will also be aggregated in June, when the purchaser took title to the crude.

In the early 1980s, most crude oil prices were set by the country selling the crude. Gradually, as the supply of crude oil became more abundant, markets became more competitive. A robust spot market for crude evolved, in which prices for crude oil were determined by demand and supply. Frequently, the official sales price set by the selling government was considerably different than spot market assessments. As buyers began to purchase more crude oil on the spot market, the control that sellers had theretofore exercised eroded.

In order to protect their market share, crude oil producing governments began to tie prices for their crude to market-related prices. When these market-related pricing formulae came into prominence in late 1985, many crude oil prices were tied to a "netback realization," wherein a crude oil's value was determined by volume weighted spot market prices of products derivable from that crude. The weights essentially reflected the relative yield of selected products from a given crude stream. These netback-based formulae gradually gave way to formulae based on spot crude oil assessments.

The formulae and terms used by sellers of crude oil continue to change. Since the EIA-856 prices are aggregated by month of acquisition--not necessarily the same as month of price determination--they may not always show the same pattern as a series from another source (e.g., trade-press publications). During periods of dramatic change in crude oil prices, aggregate prices derived from EIA-856 data will tend to "lead" the market. That is, these prices will show the emerging trend earlier, reach the inflection point sooner, and then return to the underlying trend. When averaged over longer periods of time, however, EIA-856 prices show the same relative price movements as exogenous sources.

#### **Form EIA-14: "Refiners' Monthly Cost Report"**

The EIA-14 is a monthly census of all U.S. refiners. It collects the net acquisition costs and volumes of crude oil, both domestic and imported, on a corporate national basis (i.e., not for individual refineries). Included in the costs are all charges associated with the acquisition, transportation, and storage of crude incurred by respondents up to the time the oil is booked into their refineries.

Each month, refiners report the volume (in thousands of barrels) and costs (in thousands of dollars) for:

- **Domestic crude oil.** Oil produced in the United States or from its outer continental shelf.
- **Imported crude oil.** Oil produced outside the United States and brought into the United States for domestic processing.
- **Unfinished oils.** All other oils, both domestic and imported, requiring further refining, except those requiring only mechanical blending.

Average prices are calculated by dividing the sum of the costs by the sum of the volumes.

## **Respondent Frame**

### **EIA-182:**

All firms that buy domestic crude oil at the lease boundary, acquiring ownership of the crude in a first purchase transaction. The list initially was compiled from the 1974 Federal Energy Administration (FEA) Oil and Gas Survey of Producers and Operators. Collection of data from first purchasers began in February 1976. By 1978, the frame consisted of 340 respondents. Of these, 198 purchased more than 150,000 barrels per year and together represented 99.9 percent of the total reported volume.

Adjustments to the frame have mostly been "deaths," with relatively few "births." Following decontrol in January 1981, there was a major contraction of the list of active first purchasers. Many small firms went out of business or were absorbed by larger companies. More recent changes include several mergers among majors and one breakup of a major company. Currently, the EIA-182 survey collects data from 170 active respondents.

### **EIA-856:**

All companies that were reporting data on the ERA-51, "Transfer Pricing Report," as of June 1982, are required to prepare and submit an EIA-856 each month, regardless of the total volumes of crude oil that are imported. In addition, all other companies that acquire more than 500,000 barrels of foreign crude oil in the report month for importation into the United States are required to prepare and submit an EIA-856 for that month.

### **EIA-14:**

All refiners of crude oil in the United States, including its territories and possessions. There are currently 107 active respondents to the EIA-14.

The list of respondents to the EIA-14 is updated annually by supplementation from the EIA-782A, "Refiner/Gas Plant Operators' Monthly Petroleum Product Sales Report," and the EIA-810, "Monthly Refinery Report."

## Data Collection Processing

All three crude oil data collection systems are operated independently. Each performs similar data collection and processing functions that are outlined below.

Survey data are collected by mail every month. It is mandatory for each respondent to submit completed forms to EIA no later than 30 calendar days after the close of each reference month. Telephone follow-up calls to nonrespondents begin 2 days after the established due date in order to collect all outstanding data. Late submissions and resubmissions are processed when received.

The forms are logged and reviewed manually. The data are then entered onto computer files. The files are then processed through an automated edit program which detects missing data, inconsistent prices, and outlying values that affect published estimates. Data that fail the edits are resolved through telephone calls to data reporters, and corrections and verification codes are entered onto computer files. Statistical reports, including publication tables, are then generated using only acceptable and verified data. Response rates are normally 100 percent by the time final statistics are calculated.

## Nondisclosure

The data contained in this publication are subject to statistical nondisclosure procedures. The objective of the disclosure-avoidance procedures, as stated in the Energy Information Administration Standard 88-05-06, Subject: "Nondisclosure of Company Identifiable Data in Aggregate Cells," is to ensure that confidential, company-identifiable data are not disclosed in tables where "company specific responses may be proprietary and prohibited from public disclosure by 18 U.S.C. 1905." Statistics representing data aggregated from fewer than three companies or that are dominated by input from one or two companies are withheld. EIA identifies cells that are sensitive according to these criteria by applying a statistical formula to the data contained in each cell to determine if a few companies "dominate" the cell.

If a cell is sensitive, the data in that cell are suppressed and a "W" is placed in the publication cell. Also, since

many tables include row or column totals, some nonsensitive data cells have been suppressed to prevent the reader from calculating the suppressed numbers by simply subtracting the published numbers from the total.

## Data Continuity

The crude oil statistics published in the *Petroleum Marketing Monthly* constitute both a republishing of numbers that already appear in the *Monthly Energy Review* (MER) and the *Annual Energy Review* (AER), and a simple extension of the detail of such statistics. These statistics have been published for a number of years in the MER and AER. The data currently collected through the crude oil surveys are compatible with data used to derive statistics for the historical series. The definitions, respondents, and processing have not changed substantially over the years the data have been collected. The target populations and the computational algorithms have remained virtually unchanged.

## Reliability of Data

There are two types of errors possible in an estimate based on a sample survey: sampling and nonsampling. Sampling errors occur because observations are made only on a sample, not on the entire population. Since the crude oil surveys are based on a census of the population, these surveys contain no sampling error.

Nonsampling errors can be attributed to many sources: (1) inability to obtain complete information from all respondents in the survey (i.e., nonresponse), (2) response errors, (3) definitional difficulties, (4) differences in the interpretation of questions, (5) mistakes in recording or coding the data obtained, and (6) other errors of collection, response, coverage, and estimation for missing data.

Although no direct measurement of the biases due to nonsampling errors can be obtained, precautionary steps were taken in all phases of the frame development and data collection, processing, and tabulation processes, in an effort to minimize their influence. In addition, the close cooperative consultation between EIA and the survey respondents and data users results in a more accurate information gathering and reporting process.

## Imputation

Since the response rates for the crude oil survey are virtually 100 percent, there are no imputation procedures in the PMM data for nonresponse to these surveys. Imputation is performed, however, on EIA-182 volume data used in estimating crude oil production published in the *Petroleum Supply Monthly* (PSM). Since production estimates for the PSM are required on an expedited schedule, some responses are imputed for the PSM. However, all responses are received prior to the publication of the PMM, thus no imputation is required for the price data published in the PMM. See Note 8 in the Explanatory Notes in the PSM for additional information on the use of EIA-182 data in estimating domestic crude oil production.

## Revision Error

The crude oil values shown for Domestic First Purchase Prices and Refiner Acquisition Cost (RAC) for the current month and for Average Landed Costs for the current 2 months are preliminary. These numbers are revised in the month after the preliminary month(s) based on data received late or revisions received. For example, in the February publication, the February RAC data are preliminary and the January RAC data may have been revised due to receipt of late or revised data. The data are final upon publication in the *Petroleum Marketing Annual* (PMA). The difference between the data when they first appear in the *Petroleum Marketing Monthly* (PMM) and when they appear in the PMA is called the revision error. The amount of revision error for some selected crude oil data series is shown in the tables which follow.

**Table EN6. 1992 Revision Error: Form EIA-14<sup>1</sup>**  
(Dollars per Barrel)

Date	Refiner Acquisition Costs								
	Domestic			Imported			Composite		
	Preliminary	Final	Difference	Preliminary	Final	Difference	Preliminary	Final	Difference
January	16.76	16.80	-0.04	15.98	16.10	-0.12	16.42	16.50	-0.08
February	16.48	16.54	-.06	16.17	16.00	.17	16.35	16.30	.05
March	16.81	16.71	.10	16.36	16.36	.00	16.62	16.56	.06
April	17.89	17.88	.00	17.37	17.37	.00	17.66	17.66	.00
May	18.86	18.86	.00	18.79	18.79	.00	18.83	18.83	.00
June	20.02	20.13	-.11	19.63	19.83	-.20	19.84	19.99	-.15
July	20.42	20.42	.00	19.74	19.74	.00	20.10	20.10	.00
August	19.84	19.84	.00	19.25	19.25	.00	19.56	19.56	.00
September	19.88	19.88	.00	19.26	19.26	.00	19.59	19.59	.00
October	19.64	19.64	.00	19.22	19.34	-.12	19.44	19.49	-.05
November	18.81	18.90	-.09	18.37	18.40	-.03	18.60	18.66	-.06
December	17.85	17.85	.00	16.94	16.94	.00	17.43	17.43	.00

<sup>1</sup> "Refiners' Monthly Cost Report"

Sources: Preliminary data are from Table 1 of the *Petroleum Marketing Monthly* for each respective month. Final data are from Table 1 of the *Petroleum Marketing Annual, 1992*

**Table EN7. 1992 Revision Error: Form EIA-182<sup>1</sup>**  
(Dollars per Barrel)

Month	Preliminary	Final	Difference
January	13.94	13.99	-0.05
February	13.98	14.04	-.06
March	14.12	14.12	.00
April	15.37	15.36	.01
May	16.42	16.38	.04
June	17.98	17.96	.02
July	17.80	17.80	.00
August	17.09	17.07	.02
September	17.19	17.20	-.01
October	17.16	17.16	.00
November	16.03	16.00	.03
December	14.93	14.94	-.01

<sup>1</sup> "Domestic Crude Oil First Purchase Report"

Sources: Preliminary data are from Table 1 of the *Petroleum Marketing Monthly* for each respective month. Final data are from Table 1 of the *Petroleum Marketing Annual, 1992*.

**Table ENB. 1992 Revision Error: Form EIA-856<sup>1</sup>**  
(Dollars per Barrel)

Month	FOB Cost of Imports			Landed Cost of Imports		
	Preliminary	Final	Difference	Preliminary	Final	Difference
January	14 15	14 32	-0.17	15.14	15 28	-0 14
February	14 36	14 68	-.32	15.30	15 60	- 30
March	14 64	14 96	-.32	15 64	16.00	-.36
April	16 13	16 57	-.44	16.85	17 40	-.55
May	17 27	17 56	-.29	18 09	18 38	- 29
June	18 36	18 38	-.02	19.42	19 44	- 02
July	17 94	18 01	-.07	19 08	19.13	-.05
August	17.61	17.65	-.04	18.83	18 74	- 11
September	18 01	18 04	-.03	18.88	18 90	-.02
October	17 80	17 68	.12	18 90	18 75	.15
November	16 45	16 49	-.04	17.79	17.64	.15
December	15 49	15.62	-.13	16 48	16 58	- 10

<sup>1</sup> "Monthly Foreign Crude Oil Acquisition Report"

Sources: Preliminary data are from Table 1 of the *Petroleum Marketing Monthly* for each respective month. Final data are from Table 1 of the *Petroleum Marketing Annual, 1992*



## Product Guide

# Product Guide

Category	Table		
	Prices	Volumes	Prime Supplier Sales
<b>Crude Oil</b>			
Refiner Acquisition Cost			
U.S. Average	1	---	---
-by type of refiner	19	---	---
Domestic First Purchases			
U.S. Average	1	---	---
U.S., PAD District, and State	20	---	---
Imports			
FOB Costs	1	---	---
-from selected countries	21	---	---
-by API gravity	23	---	---
-for selected crude streams	26	---	---
Landed Costs			
-from selected countries	22	---	---
-by API gravity	24	---	---
-for selected crude streams	27	---	---
<b>Motor Gasoline</b>			
U.S. Average or Total	HL1	HL1	47
-by seller type	6, 7	8, 9	---
-detailed sales type data	10	10	---
-from 1978 to present	2, 4, 13	---	---
-from 1983 to present	11	3, 5, 12, 14	---
U.S., PAD District, and State			
-by seller type with			
detailed sales type data	28, 29, 30	42	---
U.S. and State	---	---	47
<b>Leaded Motor Gasoline</b>			
U.S. Average or Total	HL1	HL1	47
-by seller type	6, 7	8, 9	---
U.S., PAD District, and State			
-detailed sales type data	28, 29, 31	43	---
U.S. and State	---	---	47
<b>Unleaded Regular Motor Gasoline</b>			
U.S. Average or Total	HL1	HL1	47
-by seller type	6, 7	8, 9	---
U.S., PAD District, and State			
-detailed sales type data	28, 29, 32	43	---
U.S. and State	---	---	47
<b>Unleaded Midgrade Motor Gasoline</b>			
U.S. Average or Total	HL1	HL1	47
-by seller type	6, 7	8, 9	---
U.S., PAD District, and State			
-detailed sales type data	28, 29, 33	43	---
U.S. and State	---	---	47
<b>Premium Motor Gasoline</b>			
U.S. Average or Total	HL1	HL1	47
-by seller type	6, 7	8, 9	---
U.S., PAD District, and State			
-detailed sales type data	28, 29, 34	43	---
U.S. and State	---	---	47

# Product Guide

Category	Table		
	Prices	Volumes	Prime Supplier Sales
<b>Aviation Gasoline</b>			
U.S. Average or Total	HL1	HL1	48
-by seller type	6, 7	8, 9	—
-from 1978 to present	2, 4	—	—
-from 1983 to present	—	3, 5	—
U.S., PAD District, and State	35	44	—
U.S. and State	—	—	48
<b>Kerosene-Type Jet Fuel</b>			
U.S. Average or Total	HL1	HL1	48
-by seller type	6, 7	8, 9	—
-from 1978 to present	2, 4	—	—
-from 1983 to present	—	3, 5	—
U.S., PAD District, and State	35	44	—
U.S. and State	—	—	48
<b>Propane, Consumer Grade</b>			
U.S. Average or Total	HL1	HL1	48
-by seller type	6, 7	8, 9	—
-from 1978 to present	2, 4	—	—
-from 1983 to present	—	3, 5	—
U.S., PAD District, and State	35	44	—
U.S. and State	—	—	48
<b>Kerosene</b>			
U.S. Average or Total	HL1	HL1	—
-by seller type	6, 7	8, 9	—
-from 1978 to present	2, 4	—	—
-from 1983 to present	—	3, 5	—
U.S., PAD District, and State	36	45	—
<b>No. 1 Distillate</b>			
U.S. Average or Total	HL1	HL1	—
-by seller type	6, 7	8, 9	—
-from 1978 to present	2, 4	—	—
-from 1983 to present	—	3, 5	—
U.S., PAD District, and State	36	45	—
<b>No. 2 Distillate</b>			
U.S. Average or Total	HL1	HL1	49
-by seller type	6, 7	8, 9	—
-from 1978 to present	2, 4, 16	—	—
-from 1983 to present	15	3, 5	—
U.S., PAD District, and State	—	—	—
-with detailed sales type data	36, 37, 38	45	—
U.S. and State	—	—	49
<b>No. 2 Fuel Oil</b>			
U.S. Average or Total	HL1	HL1	49
-by seller type	6, 7	8, 9	—
-from 1978 to present	2, 4	—	—
-from 1983 to present	—	3, 5	—
U.S., PAD District, and State	—	—	—
-with detailed sales type data	39	—	—
U.S. and State	—	—	49

# Product Guide

Category	Table		
	Prices	Volumes	Prime Supplier Sales
<b>No. 2 Diesel Fuel</b>			
U.S. Average or Total	HL1	HL1	49
-by seller type	6, 7	8, 9	---
-from 1978 to present	2, 4	---	---
-from 1983 to present	---	3, 5	---
U.S. and State	---	---	49
<b>No. 4 Fuel</b>			
U.S. Average or Total	HL1	HL1	---
-by seller type	6, 7	8, 9	---
-from 1978 to present	2, 4	---	---
-from 1983 to present	---	3, 5	---
U.S. and PAD District	40	46	---
<b>Residual Fuel Oil</b>			
U.S. Average or Total	HL1	HL1	48
-by seller type	6, 7	8, 9	---
-from 1978 to present	2, 4, 17	---	---
-from 1983 to present	---	3, 5, 18	---
U.S., PAD District, and/or State	40, 41	46	---
U.S. and State	---	---	48
<b>Residual Fuel Oil (sulfur content less than or equal to 1 percent)</b>			
U.S. Average or Total	HL1	HL1	---
-by seller type	6, 7	8, 9	---
-from 1978 to present	17	---	---
-from 1983 to present	---	18	---
U.S., PAD District, and/or State	40, 41	46	---
<b>Residual Fuel Oil (sulfur content greater than 1 percent)</b>			
U.S. Average or Total	HL1	HL1	---
-by seller type	6, 7	8, 9	---
-from 1978 to present	17	---	---
-from 1983 to present	---	18	---
U.S., PAD District, and/or State	40, 41	46	---

-- = Not applicable

## Glossary



# Glossary

**API Gravity:** An arbitrary scale expressing the gravity or density of liquid petroleum products. The measuring scale is calibrated in terms of degrees API; it may be calculated in terms of the following formula:

$$\text{Deg API} = \frac{141.5}{\text{sp gr}_{60\text{degF}/60\text{degF}}} - 131.5$$

The higher the API gravity, the lighter the compound. Light crudes generally exceed 38 degrees API and heavy crudes are commonly labeled as all crudes with an API gravity of 22 degrees or below. Intermediate crudes fall in the range of 22 degrees to 38 degrees API gravity.

**Aviation Gasoline (Finished):** All special grades of gasoline for use in aviation reciprocating engines, as given in ASTM Specification D 910 and Military Specification MIL-G-5572. Excludes blending components which will be used in blending or compounding into finished aviation gasoline.

**Barrel:** One barrel of crude oil contains 42 gallons.

**CIF:** Cost, insurance, and freight. A transaction for which the seller assumes the costs and risks of bringing the product to the point of destination (generally the port of landing). Thus, a CIF price is a delivered price.

**Commercial/Institutional:** Firms engaged in transportation, wholesale or retail trade, finance, insurance, and real estate. Also included are apartment buildings/complexes and other multifamily dwellings, hotels and office buildings or complexes, local, State, or Federal facilities or organizations including the military, schools, hospitals, religious institutions, universities, and all other Government-supported organizations.

**Company Outlet:** Any retail outlet (e.g., service station) selling gasoline or diesel fuel that is under the direct control of the company filing this report by virtue of the ability to set the retail product price and directly collect all or part of the retail margin. This category includes retail outlets: (1) being operated by salaried employees of the company and/or its subsidiaries and affiliates, and/or (2) involving personnel services contracted by the company.

**Crude Oil (including lease condensate):** A mixture of hydrocarbons that existed in liquid phase in under-

ground reservoirs and remains liquid at atmospheric pressure after passing through surface separating facilities. Includes lease condensate and drip gas, as well as liquid hydrocarbons produced from tar sands, gilsonite, and oil shale. Excludes topped crude oil, residual oil, other unfinished oils, and liquids produced at natural gas processing plants and mixed with crude oil, where identifiable. Crude oil is considered as either domestic or imported according to the following:

1. **Domestic Crude Oil:** Crude oil produced in the United States or from its "outer continental shelf" as defined in 43 U.S.C. 1331.
2. **Imported Crude Oil:** Crude oil produced outside the United States and brought into the United States.
3. **First purchase volume and cost data for crude oil** are classified in accordance with what the product was sold as, regardless of the actual specifications. Hence, its volumes may include some of the excluded liquids discussed above.

**Crude Oil Acquisitions (unfinished oil acquisitions):** The volume of crude oil either (1) acquired by the respondent for processing for his own account in accordance with accounting procedures generally accepted and consistently and historically applied by the refiner concerned, or (2) in the case of a processing agreement, delivered to another refinery for processing for the respondent's own account.

Crude oil which has been added by a refiner to inventory, and which is thereafter sold or otherwise disposed of without processing for the account of that refiner, shall be deducted from its crude oil purchases at the time when the related cost is deducted from refinery inventory in accordance with accounting procedures generally applied by the refiner concerned.

**Distillate Fuel Oil:** A general classification for one of the petroleum fractions produced in conventional distillation operations. It is used primarily for space heating, on- and off-highway diesel engine fuel (including railroad engine fuel and fuel for agricultural machinery), and electric power generation. Included are products known as No. 1, No. 2, and No. 4 fuel oils and No. 1, No. 2, and No. 4 diesel fuels.

1. **No. 1 Distillate:** A petroleum distillate which meets the specifications for No. 1 heating or fuel

oil as defined in ASTM D 396 and/or the specifications for No. 1 diesel fuel as defined in ASTM Specification D 975.

- a. **No. 1 Diesel Fuel:** A volatile distillate fuel oil with a boiling range between 300-575 degrees Fahrenheit and used in high-speed diesel engines generally operated under wide variations in speed and load. Includes type C-B diesel fuel used for city buses and similar operations. Properties are defined in ASTM Specification D 975.
  - b. **No. 1 Fuel Oil:** A light distillate fuel oil intended for use in vaporizing pot-type burners. ASTM Specification D 396 specifies for this grade maximum distillation temperatures of 400 degrees Fahrenheit at the 10-percent recovery point and 550 degrees Fahrenheit at the 90-percent point, and kinematic viscosities between 1.4 and 2.2 centistokes at 100 degrees Fahrenheit.
2. **No. 2 Distillate:** A petroleum distillate which meets the specifications for No. 2 heating or fuel oil as defined in ASTM D 396 and/or the specifications for No. 2 diesel fuel as defined in ASTM Specification D 975.
- a. **No. 2 Diesel Fuel:** A gas oil type distillate of lower volatility with distillation temperatures at the 90-percent point between 540-640 degrees Fahrenheit for use in high speed diesel engines generally operated under uniform speed and load conditions. Includes Type R-R diesel fuel used for railroad locomotive engines, and Type T-T for diesel-engine trucks. Properties are defined in ASTM Specification D 975.
  - b. **No. 2 Fuel Oil:** A distillate fuel oil for use in atomizing type burners for domestic heating or for moderate capacity commercial-industrial burner units. ASTM Specification D 396 specifies for this grade distillation temperatures at the 90-percent point between 540 and 640 degrees Fahrenheit, and kinematic viscosities between 2.0 and 3.6 centistokes at 100 degrees Fahrenheit.

NOTE: Published volume and price data for No. 2 diesel fuel and No. 2 fuel oil are classified in accordance to what the product was sold as, regardless of the actual specifications of that product; i.e., if a No. 2 distillate was sold as a heating or fuel oil, the volume and price would be published in the category "No. 2 Fuel Oil" even if the product conformed to the higher specifications of a diesel fuel.

3. **No. 4 Fuel:** A fuel oil for commercial burner installations not equipped with preheating facilities. It is used extensively in industrial plants. This

grade is a blend of distillate fuel oil and residual fuel oil stocks that conforms to ASTM Specification D 396 or Federal Specification VV-F-815C; its kinematic viscosity is between 5.8 and 26.4 centistokes at 100 degrees Fahrenheit. Also included is No. 4-D, a fuel oil for low- and medium-speed diesel engines that conforms to ASTM Specification D 975.

**First Purchase (of crude oil):** An equity (not custody) transaction involving an arms-length transfer of ownership of crude oil associated with the physical removal of the crude oil from a property (lease) for the first time. A first purchase normally occurs at the time and place of ownership transfer where the crude oil volume sold is measured and recorded on a run ticket or other similar physical evidence of purchase. The reported cost is the actual amount paid by the purchaser, allowing for any adjustments (deductions or premiums) passed on to the producer or royalty owner.

**F.O.B. Price (free on board):** The f.o.b. price is the price actually charged at the producing country's port of loading. The reported price includes deductions for any rebates and discounts or additions of premiums where applicable and should be the actual price paid with no adjustment for credit terms.

**Gas Plant Operator:** Any firm, including a gas plant owner, which operates a gas plant and keeps the gas plant records. A gas plant is a facility in which natural gas liquids are separated from natural gas, or in which natural gas liquids are fractionated or otherwise separated into natural gas liquid products or both. For the purposes of this publication, gas plant operator data are contained in the refiner categories.

**Gasohol:** A blend of finished motor gasoline (leaded or unleaded) and alcohol (generally ethanol but sometimes methanol) in which 10 percent or more of the product is alcohol. For the purposes of this publication, gasohol may be included in any of the grades of gasoline, depending on how it was marketed.

**Industrial:** Firms engaged in mining, construction, or manufacturing.

**Kerosene:** A petroleum distillate that has a maximum distillation temperature of 401 degrees Fahrenheit at the 10-percent recovery point, a final boiling point of 572 degrees Fahrenheit, and a minimum flash point of 100 degrees Fahrenheit. Included are the two grades designated in ASTM D3699: No. 1-K and No. 2-K, and all grades of kerosene called range or stove oil. Kerosene is used in space heaters, cook stoves, and water heaters; it is suitable for use as an illuminant when burned in wick lamps.

**Kerosene-Type Jet Fuel:** A quality kerosene product with an average gravity of 40.7 degrees API, and a 10-percent distillation temperature of 400 degrees Fahrenheit. It is covered by ASTM Specification D



1655 and Military Specification MIL-T-5624L (Grades JP-5 and JP-8). A relatively low freezing point distillate of the kerosene type, it is used primarily for commercial turbojet and turboprop aircraft engines.

**Landed Cost:** Landed cost represents the dollar per barrel price of crude oil at the port of discharge. Includes charges associated with the purchase, transporting, and insuring of a cargo from the purchase point to the port of discharge. Does not include charges incurred at the discharge port (e.g., import tariffs or fees, wharfage charges, and demurrage).

**Major Refiners:** Refiners with a total refinery capacity in the United States and its possessions of greater than or equal to 275,000 barrels per day as of January 1, 1982. See Tables 5 and 6 of the *Petroleum Supply Annual*, 1981 (pages 107-137) for a listing of refiners and their capacities. The following companies comprise the major refiners for this survey:

Amerada Hess; Amoco Oil Company; Ashland Oil, Inc.; Atlantic Richfield Company; BP Oil; Champlin Refining; Chevron; Citgo Petroleum; Conoco Inc.; Exxon; Lyondell Petrochemical; Marathon Oil Company; Mobil Oil Corporation; Phillips Petroleum Company; Shell Oil Company; Star Enterprise; Sun Company, Inc.; Texaco, Inc.; Unocal (formerly Union Oil Company of California); and Uno-Ven Company.

Prior to being acquired by other major refiners, Getty Oil Company and the Gulf Oil Corporation were also included as major refiners.

**Motor Gasoline (Finished):** A complex mixture of relatively volatile hydrocarbons, with or without small quantities of additives, blended to form a fuel suitable for use in spark-ignition engines. Specifications for motor gasoline, as given in ASTM Specification D 439-88 or Federal Specification VV-G-1690B, include a boiling range of 122 to 158 degrees Fahrenheit at the 10-percent point to 365 to 374 degrees Fahrenheit at the 90-percent point and a Reid vapor pressure range from 9 to 15 psi. "Motor gasoline" includes finished leaded gasoline, finished unleaded gasoline, and gasohol. Blendstock is excluded until blending has been completed. (Alcohol that is to be used in the blending of gasohol is also excluded.)

1. **Leaded Regular Gasoline:** Gasoline having an antiknock index ( $R+M/2$ ) greater than or equal to 87 and less than or equal to 90, and containing more than 0.05 grams of lead or 0.005 grams of phosphorus per gallon.
2. **Unleaded Regular Gasoline:** Gasoline having an antiknock index ( $R+M/2$ ) greater than or equal to 85 and less than 88, and containing not more than 0.05 grams of lead or 0.005 grams of phosphorus per gallon.

3. **Unleaded Midgrade Gasoline:** Gasoline having an antiknock index ( $R+M/2$ ) greater than or equal to 88 and less than or equal to 90, and containing not more than 0.05 grams of lead or 0.005 grams of phosphorus per gallon.

4. **Premium Gasoline:** Gasoline having an antiknock index ( $R+M/2$ ) greater than 90. Includes both *leaded* and *unleaded* premium gasoline.

- a. **Leaded Premium Gasoline:** Gasoline having an antiknock index ( $R+M/2$ ) greater than 90, and containing more than 0.05 grams of lead or 0.005 grams of phosphorus per gallon.

- b. **Unleaded Premium Gasoline:** Gasoline having an antiknock index ( $R+M/2$ ) greater than 90, and containing not more than 0.05 grams of lead or 0.005 grams of phosphorus per gallon.

**Naphtha:** A generic term applied to a petroleum fraction with an approximate boiling range between 122 and 400 degrees F.

**Naphtha-Type Jet Fuel:** A fuel in the heavy naphtha boiling range with an average gravity of 52.8 degrees API and 20 to 90 percent distillation temperatures of 290 degrees to 470 degrees F., meeting Military Specification MIL-T-5624L (Grade Jp-4). JP-4 is used for turbojet and turboprop aircraft engines, primarily by the military. Excludes ram-jet and petroleum rocket fuels.

**OPEC:** The acronym for the Organization of Petroleum Exporting Countries, oil-producing and exporting countries that have organized for the purpose of negotiating with oil companies on matters of oil production, prices, and future concession rights. Current members are Algeria, Ecuador, Gabon, Indonesia, Iran, Iraq, Kuwait, Libya, Nigeria, Qatar, Saudi Arabia, United Arab Emirates, and Venezuela.

**Other End Users:** For motor gasoline, all direct sales to end users other than those made through company outlets. For No. 2 distillate, all direct sales to end users other than residential, commercial/institutional, industrial sales, and sales through company outlets. Included in the "other end users" category are sales to utilities and agriculture.

**Other Refiners:** Refiners with a total refinery capacity in the United States and its possessions of less than 275,000 barrels per day as of January 1, 1982. See Tables 5 and 6 of the *Petroleum Supply Annual*, 1981 (pages 107-137) for a listing of refiners and their capacities.

**PAD District:** Petroleum Administration for Defense Districts

**PAD District I:**

**Subdistrict IA:** Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont.

**Subdistrict IB:** Delaware, District of Columbia, Maryland, New Jersey, New York, Pennsylvania.

**Subdistrict IC:** Florida, Georgia, North Carolina, South Carolina, Virginia, West Virginia.

**PAD District II:**

Illinois, Indiana, Iowa, Kansas, Kentucky, Michigan, Minnesota, Missouri, Nebraska, North Dakota, South Dakota, Ohio, Oklahoma, Tennessee, Wisconsin.

**PAD District III:**

Alabama, Arkansas, Louisiana, Mississippi, New Mexico, Texas, Federal Offshore Gulf.

**PAD District IV:**

Colorado, Idaho, Montana, Utah, Wyoming.

**PAD District V:**

Alaska (North Slope and Other Mainland), Arizona, California, Hawaii, Nevada, Oregon, Washington, Federal Offshore California.

**Prime Supplier:** A firm that produces, imports, or transports any of the selected petroleum products across State boundaries and local marketing areas and sells the product to local distributors, local retailers, or end users.

**Propane, Consumer Grade:** A normally gaseous paraffinic compound ( $C_3H_8$ ), which includes all products covered by Natural Gas Policy Act (NGPA) Specifications for commercial use and HD-5 propane and ASTM Specification D 1835. Excludes feedstock propanes, which are propanes not classified as consumer grade propanes, including the propane portion of any natural gas liquids (NGL) mixes; i.e., butane-propane mix.

**Reference Month:** The calendar month and year to which the reported cost, price, and volume information relates.

**Refiner:** A firm or the part of a firm that refines products or blends and substantially changes products, or refines liquid hydrocarbons from oil and gas field gases, or recovers liquefied petroleum gases incident to petroleum refining and sells those products to resellers, retailers, resellers/retailers, or ultimate consumers. "Refiner" includes any owner of products which contracts to have those products refined and then sells the refined products to resellers, retailers, or ultimate consumers. For the purposes of this publication, gas plant operator data are included in this category.

**Reseller:** A firm (other than a refiner) that carries on the trade or business of purchasing refined petroleum products and reselling them without substantially changing their form to purchasers other than ultimate consumers.

**Reseller/Retailer:** A firm (other than a refiner) that carries on the trade or business activities of both a reseller and a retailer; i.e., purchasing refined petroleum products and reselling them without substantially changing their form to purchasers who may be either ultimate or other than ultimate consumers.

**Residential:** In cases of sales of No. 2 fuel oil, includes individual customers or households (as opposed to businesses or institutions) that ostensibly use the fuel in a residence. Sales to apartment buildings/complexes or to other multifamily dwellings are excluded from the residential category and are included in the commercial/institutional category.

**Residual Fuel Oils:** The topped crude of refinery operations, which includes No. 5 and No. 6 fuel oils as defined in ASTM Specification D 396 and Federal Specification VV-F-815C, Navy Special fuel oil as defined in Military Specification MIL-F-859E including Amendment 2 (NATO symbol F-77), and bunker C fuel oil. Residual fuel oil is used for the production of electric power, space heating, vessel bunkering, and various industrial purposes.

**Retailer:** A firm (other than a refiner, reseller, or reseller/retailer) that carries on the trade or business of purchasing refined petroleum products and reselling them to ultimate consumers without substantially changing their form.

**Sale:** The transfer of title from the seller to a buyer for a price. Excludes intrafirm transfers, products consumed directly by the reporting firm, or sales of bonded fuel. Also excludes products delivered/loaned to exchange partners, except where the amount given up exceeds the amount received and the differential is invoiced as a sale during the reference month.

**Sales to End Users:** Sales made directly to the consumer of the product. Includes bulk consumers such as agriculture, industry, and utilities, as well as residential and commercial consumers.

**Sales for Resale:** Sales of refined petroleum products to purchasers who are other-than-ultimate consumers; wholesale sales.

**Sales Type:** Sales categories of sales to end users and sales for resale.

**Seller Type:** Categories of major refiners and other refiners and gas plant operators.

**Unit Price:** Total revenue derived from the sale of product during the reference month divided by the

total volume sold; also known as the weighted average price. Total revenue excludes all taxes but includes transportation costs that were paid as part of the purchase price.

**United States:** For the crude oil statistics, the United States includes the 50 States, the District of Columbia, Puerto Rico, the Virgin Islands, and all American Territories and Possessions. For the petroleum products data, United States includes the 50 States and the District of Columbia.

**Wellhead:** The point at which the crude (and/or natural gas) exits the ground. Following historical precedent, the volume and price for crude oil production are labeled as "wellhead," even though the cost and volume are now generally measured at the lease boundary. In the context of domestic crude price data, the term "wellhead" is the generic term used to reference the production site or lease property.



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